

A-INFO

Microwave/Millimeter-Wave High Precision
Connector / Adapter



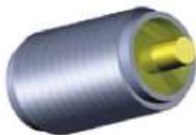
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Chengdu AINFO Inc. is an ISO 9001:2000 certified manufacturer.



RF Coaxial Connectors



SMA Connector Series

Performance Features

Nominal Impedance: 50Ω

Frequency Range: DC-27GHz

VSWR: DC-18GHz 1.10:1 max
18GHz-27GHz 1.15:1 max

Maximum Power Handling:

Standard Model High Power Model

150W at 125°C 250W at 125°C

160W at 165°C

Durability: 500 Cycles

Operating Temperature:

Standard Model High Power Model

-50°C ~ +125°C -60°C ~ +165°C

Interfaces: PER MIL-STD-348A

Material/Finishes

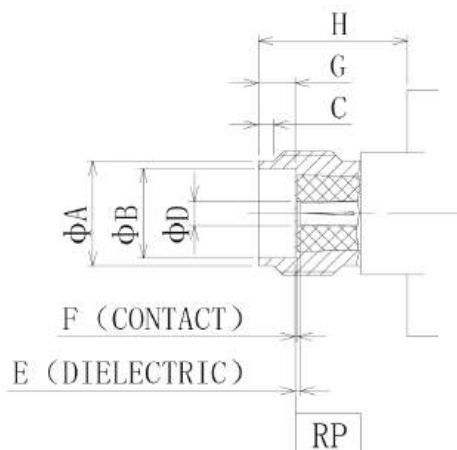
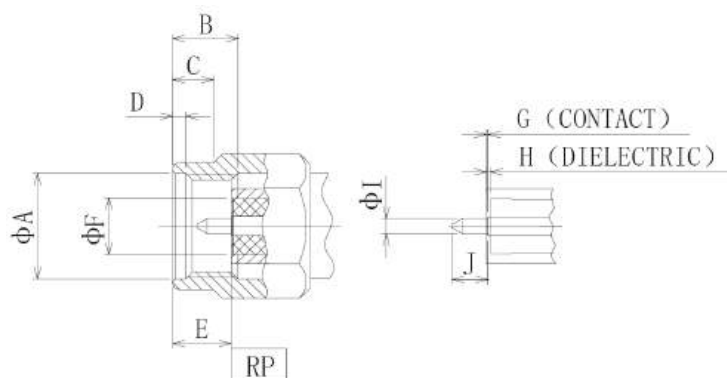
Housing:

Type 303 Stainless Steel-Polished
& Passivated

Center Contact:

Beryllium Copper Plated Gold

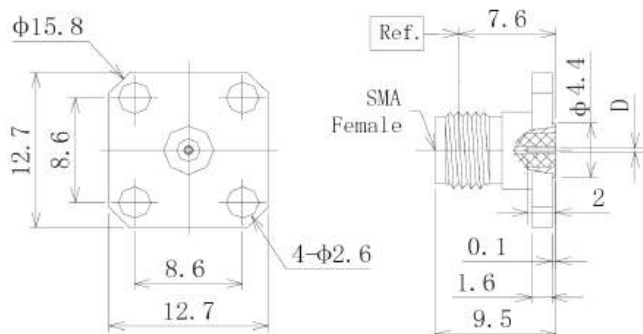
Insulator: PTFE



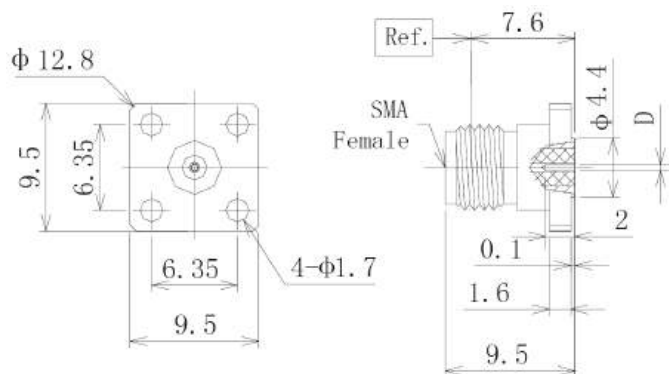
SMA Male (mm)		
LTR	Minimum	Maximum
A	6.5	6.6
B	4	
C	2.5	
D	0.8	
E	2.97	3.28
F	3.48	3.52
G	0	0.198
H	0	0.178
I	0.920	0.934
J	2.09	2.15

SMA Female (mm)		
LTR	Minimum	Maximum
A	5.324	5.400
B	4.60	4.63
C	0.8	0.9
D	1.25	1.28
E	2.97	3.28
F	3.48	3.52
G	0	0.198
H	0	0.178

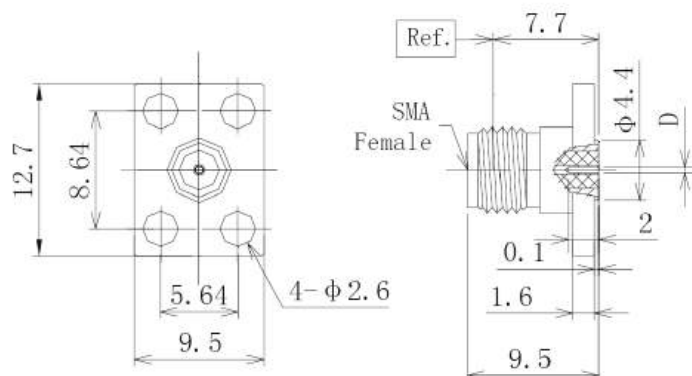
SMA Series Field Replaceable Flange Connectors



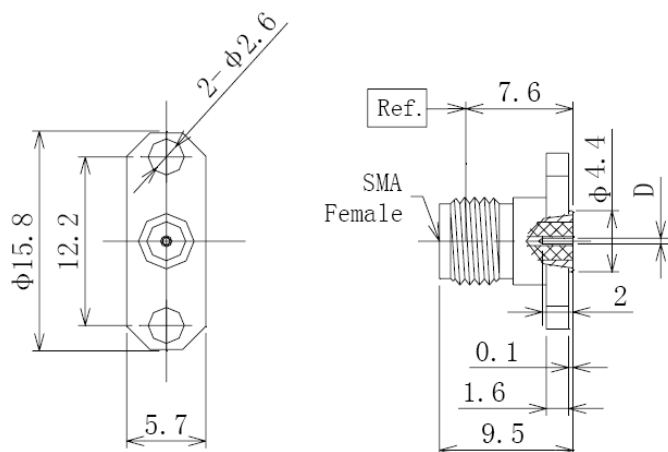
P/N	D
HPC1010-12	0.012inch/0.30mm
HPC1010-15	0.015inch/0.38mm
HPC1010-18	0.018inch/0.46mm
HPC1010-20	0.020inch/0.51mm



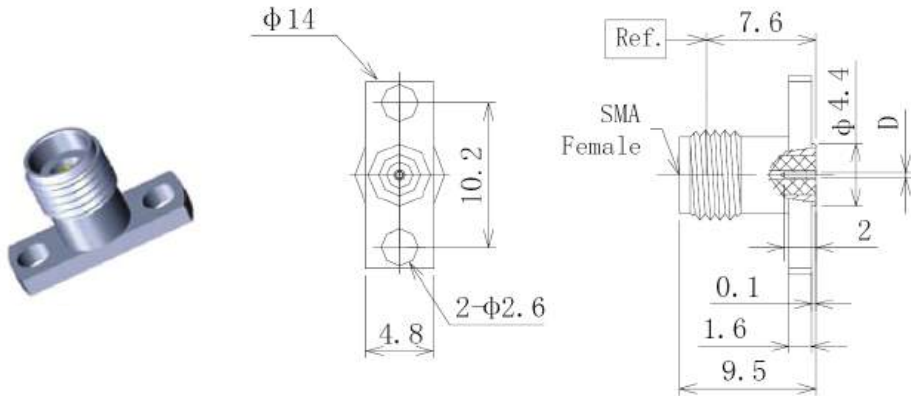
P/N	D
HPC1011-12	0.012inch/0.30mm
HPC1011-15	0.015inch/0.38mm
HPC1011-18	0.018inch/0.46mm
HPC1011-20	0.020inch/0.51mm



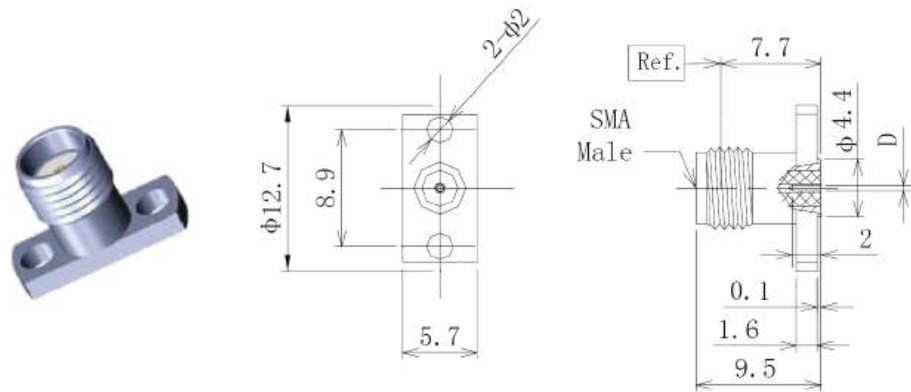
P/N	D
HPC1012-12	0.012inch/0.30mm
HPC1012-15	0.015inch/0.38mm
HPC1012-18	0.018inch/0.46mm
HPC1012-20	0.020inch/0.51mm



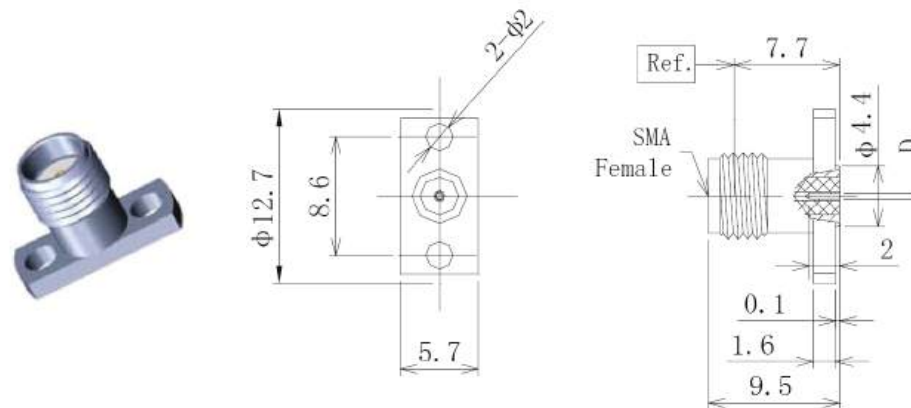
P/N	D
HPC1013-12	0.012inch/0.30mm
HPC1013-15	0.015inch/0.38mm
HPC1013-18	0.018inch/0.46mm
HPC1013-20	0.020inch/0.51mm



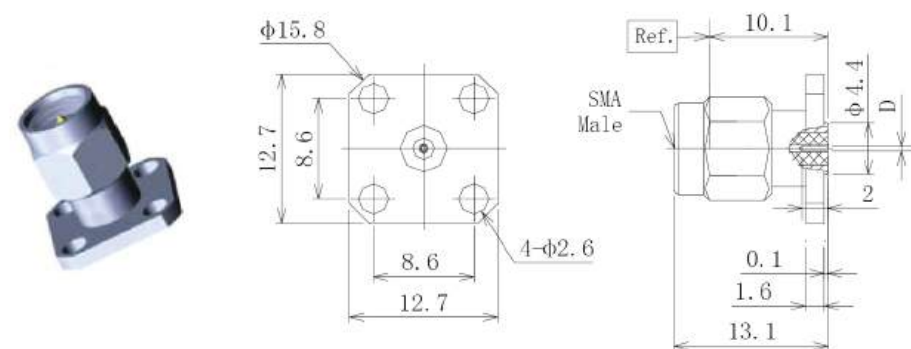
P/N	D
HPC1014-12	0.012inch/0.30mm
HPC1014-15	0.015inch/0.38mm
HPC1014-18	0.018inch/0.46mm
HPC1014-20	0.020inch/0.51mm



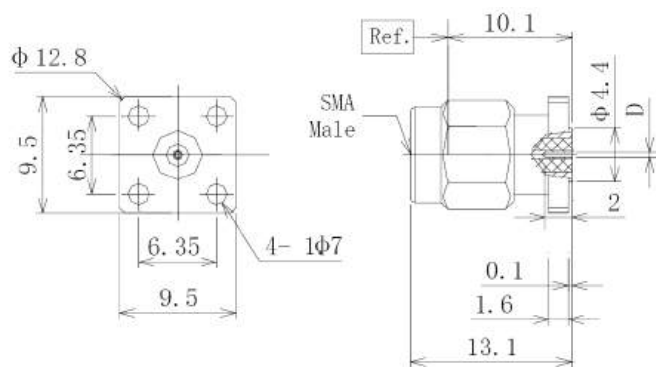
P/N	D
HPC1015-12	0.012inch/0.30mm
HPC1015-15	0.015inch/0.38mm
HPC1015-18	0.018inch/0.46mm
HPC1015-20	0.020inch/0.51mm



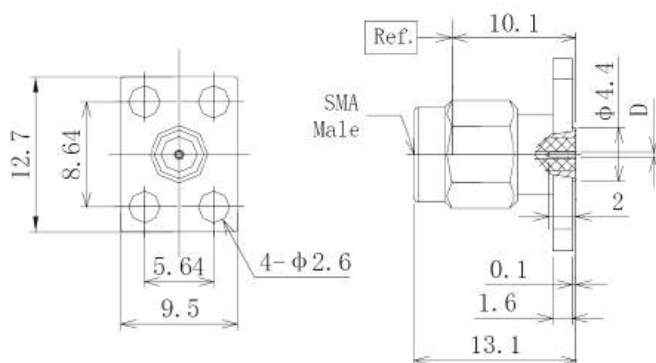
P/N	D
HPC1016-12	0.012inch/0.30mm
HPC1016-15	0.015inch/0.38mm
HPC1016-18	0.018inch/0.46mm
HPC1016-20	0.020inch/0.51mm



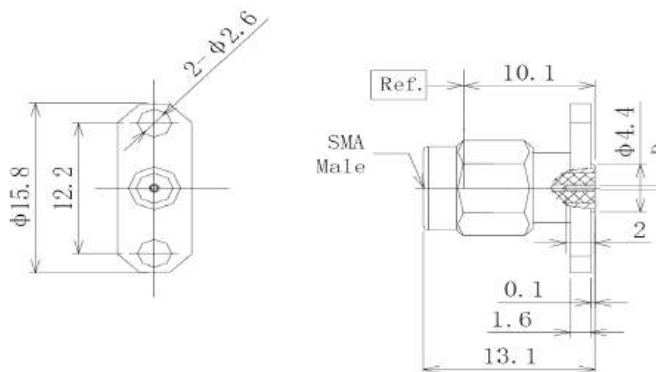
P/N	D
HPC1017-12	0.012inch/0.30mm
HPC1017-15	0.015inch/0.38mm
HPC1017-18	0.018inch/0.46mm
HPC1017-20	0.020inch/0.51mm



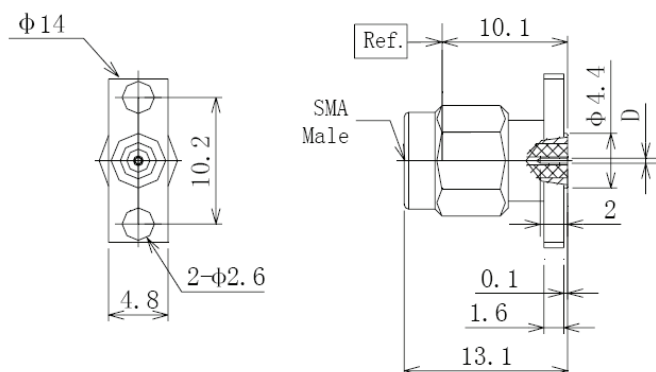
P/N	D
HPC1018-12	0.012inch/0.30mm
HPC1018-15	0.015inch/0.38mm
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HPC1018-20	0.020inch/0.51mm



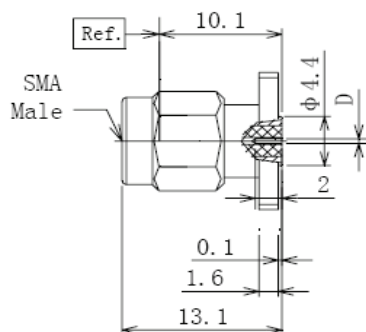
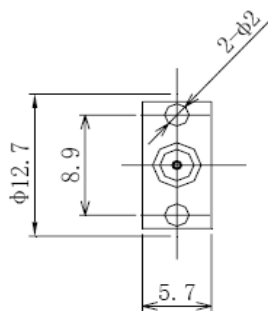
P/N	D
HPC1019-12	0.012inch/0.30mm
HPC1019-15	0.015inch/0.38mm
HPC1019-18	0.018inch/0.46mm
HPC1019-20	0.020inch/0.51mm



P/N	D
HPC1020-12	0.012inch/0.30mm
HPC1020-15	0.015inch/0.38mm
HPC1020-18	0.018inch/0.46mm
HPC1020-20	0.020inch/0.51mm

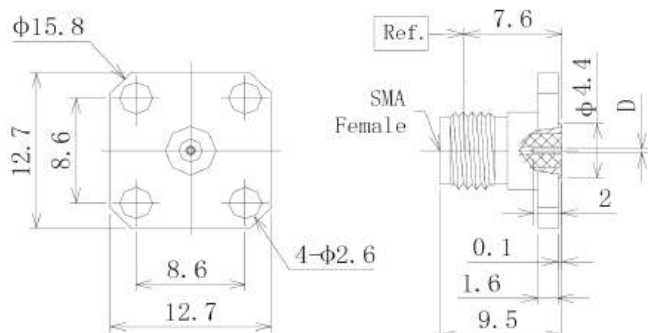


P/N	D
HPC1021-12	0.012inch/0.30mm
HPC1021-15	0.015inch/0.38mm
HPC1021-18	0.018inch/0.46mm
HPC1021-20	0.020inch/0.51mm

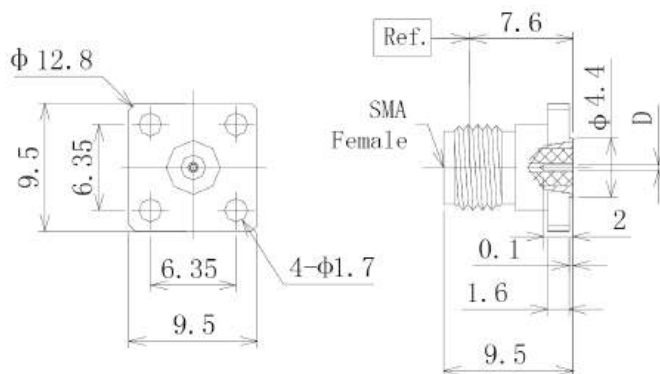


P/N	D
HPC1022-12	0.012inch/0.30mm
HPC1022-15	0.015inch/0.38mm
HPC1022-18	0.018inch/0.46mm
HPC1022-20	0.020inch/0.51mm

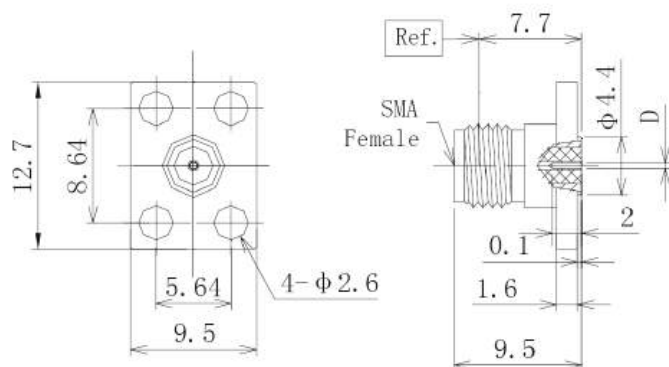
SMA Series High Power Field Replaceable Flange Connectors



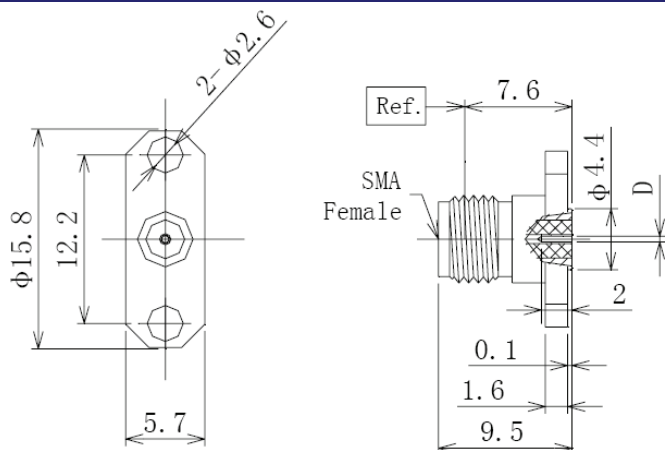
P/N	D
HPC1110-12	0.012inch/0.30mm
HPC1110-15	0.015inch/0.38mm
HPC1110-18	0.018inch/0.46mm
HPC1110-20	0.020inch/0.51mm



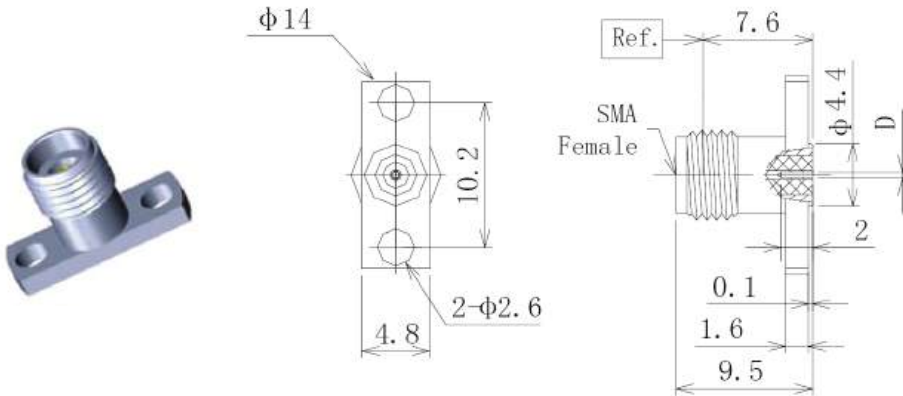
P/N	D
HPC1111-12	0.012inch/0.30mm
HPC1111-15	0.015inch/0.38mm
HPC1111-18	0.018inch/0.46mm
HPC1111-20	0.020inch/0.51mm



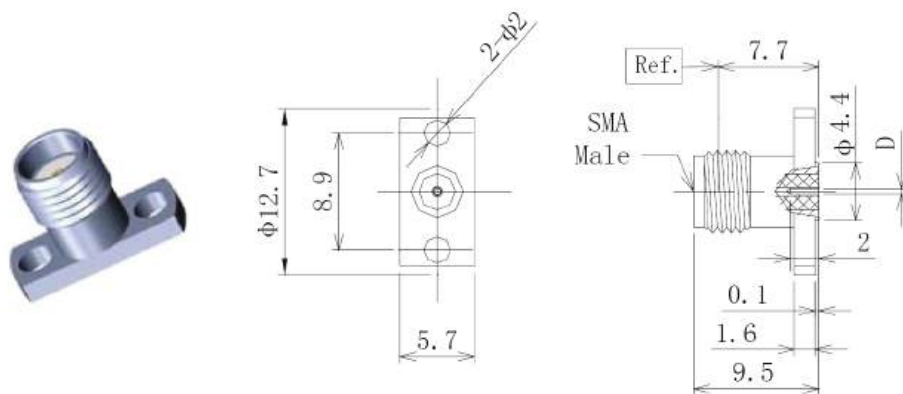
P/N	D
HPC1112-12	0.012inch/0.30mm
HPC1112-15	0.015inch/0.38mm
HPC1112-18	0.018inch/0.46mm
HPC1112-20	0.020inch/0.51mm



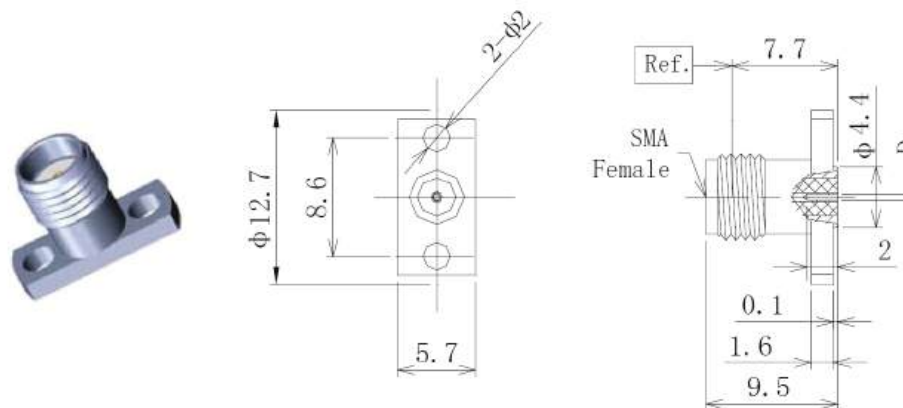
P/N	D
HPC1113-12	0.012inch/0.30mm
HPC1113-15	0.015inch/0.38mm
HPC1113-18	0.018inch/0.46mm
HPC1113-20	0.020inch/0.51mm



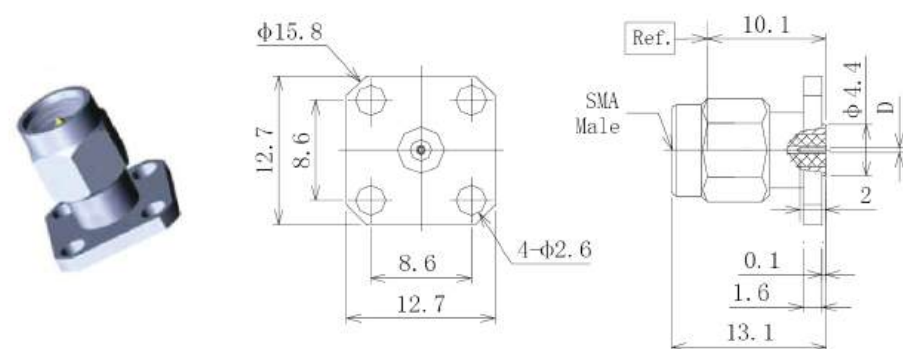
P/N	D
HPC1114-12	0.012inch/0.30mm
HPC1114-15	0.015inch/0.38mm
HPC1114-18	0.018inch/0.46mm
HPC1114-20	0.020inch/0.51mm



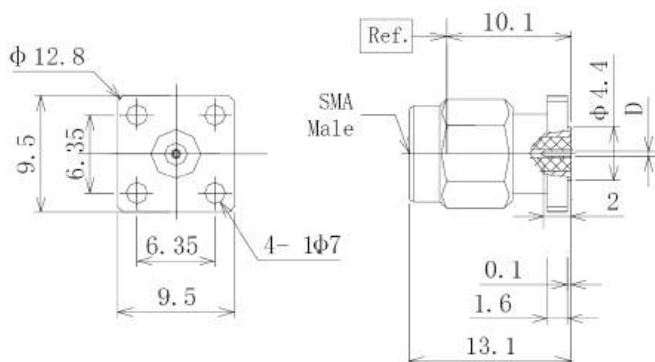
P/N	D
HPC1115-12	0.012inch/0.30mm
HPC1115-15	0.015inch/0.38mm
HPC1115-18	0.018inch/0.46mm
HPC1115-20	0.020inch/0.51mm



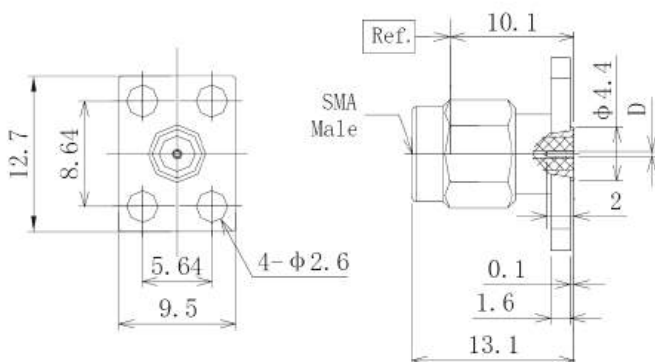
P/N	D
HPC1116-12	0.012inch/0.30mm
HPC1116-15	0.015inch/0.38mm
HPC1116-18	0.018inch/0.46mm
HPC1116-20	0.020inch/0.51mm



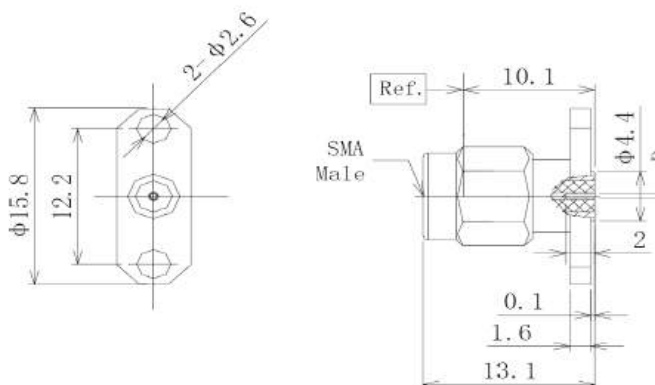
P/N	D
HPC1117-12	0.012inch/0.30mm
HPC1117-15	0.015inch/0.38mm
HPC1117-18	0.018inch/0.46mm
HPC1117-20	0.020inch/0.51mm



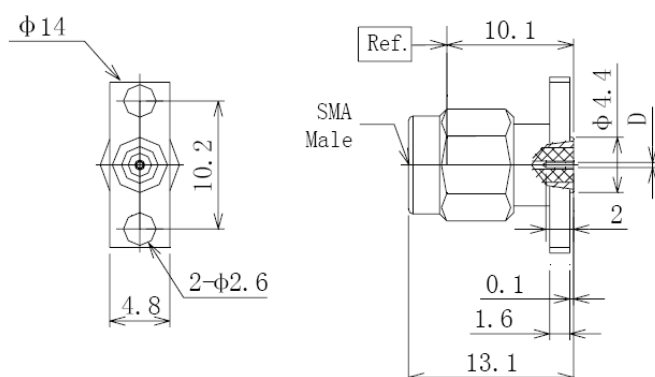
P/N	D
HPC1118-12	0.012inch/0.30mm
HPC1118-15	0.015inch/0.38mm
HPC1118-18	0.018inch/0.46mm
HPC1118-20	0.020inch/0.51mm



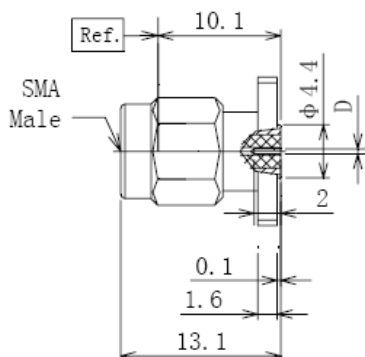
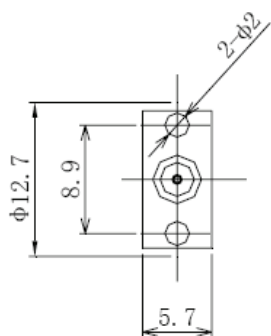
P/N	D
HPC1119-12	0.012inch/0.30mm
HPC1119-15	0.015inch/0.38mm
HPC1119-18	0.018inch/0.46mm
HPC1119-20	0.020inch/0.51mm



P/N	D
HPC1120-12	0.012inch/0.30mm
HPC1120-15	0.015inch/0.38mm
HPC1120-18	0.018inch/0.46mm
HPC1120-20	0.020inch/0.51mm

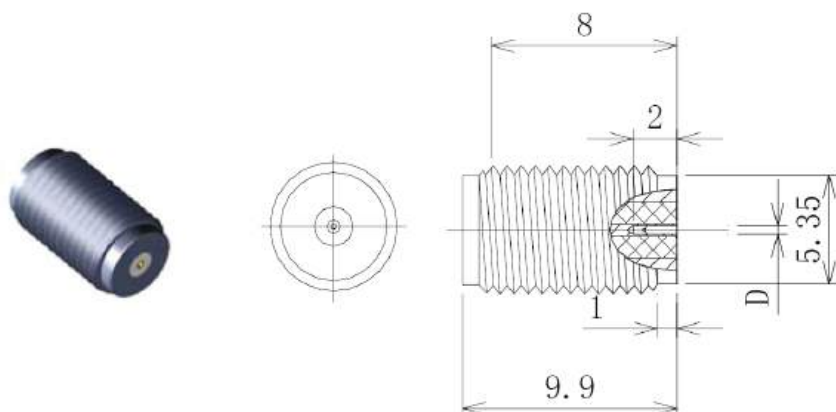


P/N	D
HPC1121-12	0.012inch/0.30mm
HPC1121-15	0.015inch/0.38mm
HPC1121-18	0.018inch/0.46mm
HPC1121-20	0.020inch/0.51mm

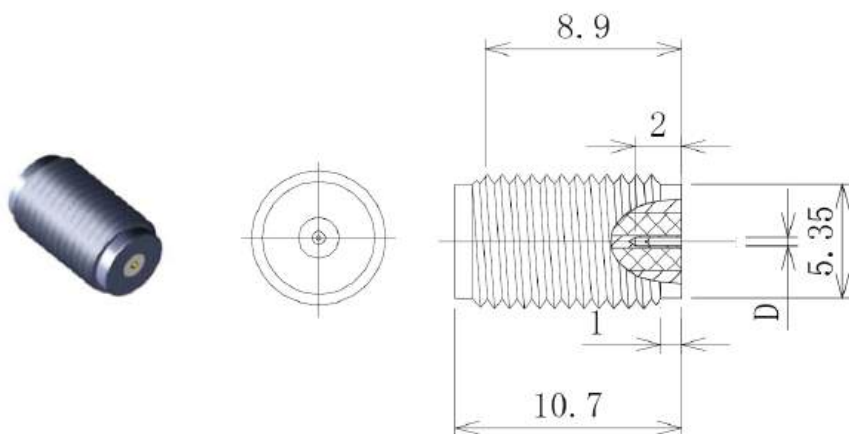


P/N	D
HPC1122-12	0.012inch/0.30mm
HPC1122-15	0.015inch/0.38mm
HPC1122-18	0.018inch/0.46mm
HPC1122-20	0.020inch/0.51mm

SMA Series Remove Screw Thread Connector

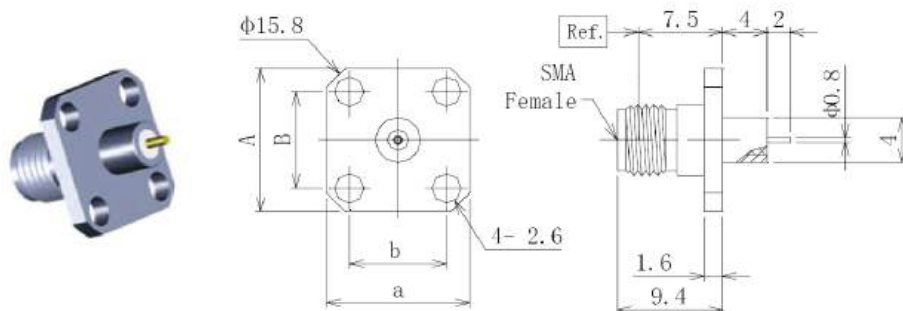


P/N	D
HPC1310-12	0.012inch/0.30mm
HPC1310-15	0.015inch/0.38mm
HPC1310-18	0.018inch/0.46mm
HPC1310-20	0.020inch/0.51mm

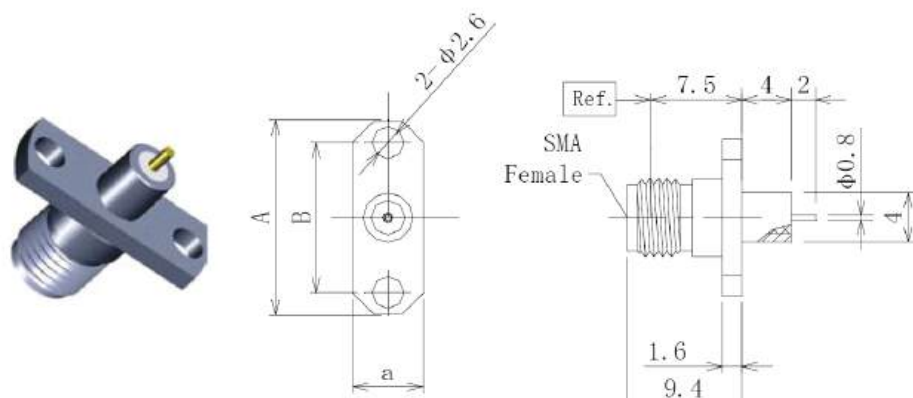


P/N	D
HPC1311-12	0.012inch/0.30mm
HPC1311-15	0.015inch/0.38mm
HPC1311-18	0.018inch/0.46mm
HPC1311-20	0.020inch/0.51mm

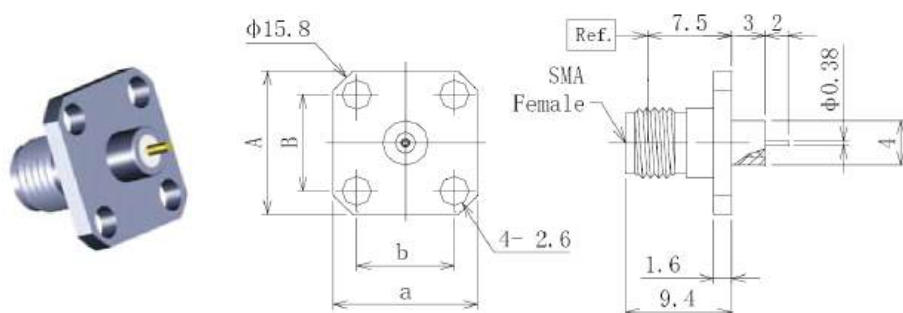
SMA Series Bulkhead Flange Connectors



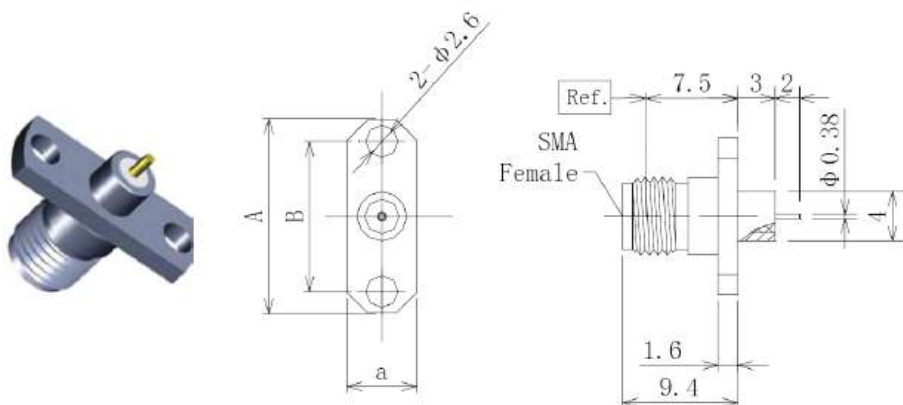
P/N	A	a	B	b
HPC1410-01	12.7	12.7	8.6	8.6
HPC1410-02	9.5	9.5	6.35	6.35
HPC1410-03	12.7	9.5	8.64	5.64



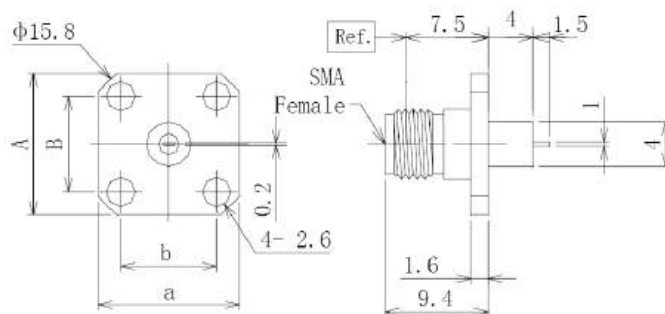
P/N	A	B
HPC1411-01	15.8	12.2
HPC1411-02	14	10.2
HPC1411-03	12.7	8.9
HPC1411-04	12.7	8.6



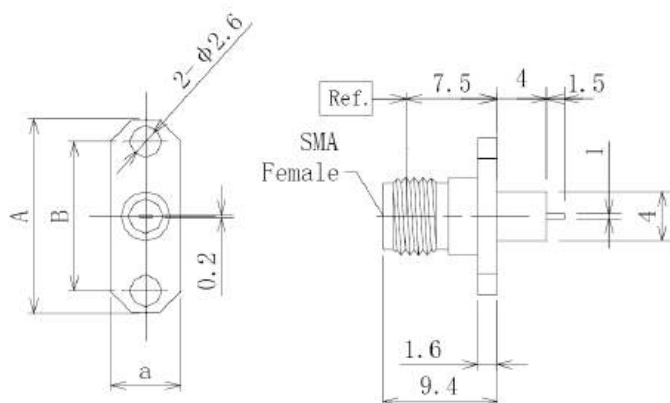
P/N	A	a	B	b
HPC1412-01	12.7	12.7	8.6	8.6
HPC1412-02	9.5	9.5	6.35	6.35
HPC1412-03	12.7	9.5	8.64	5.64



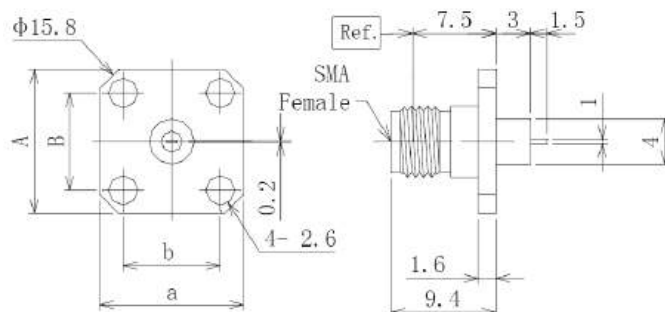
P/N	A	B
HPC1413-01	15.8	12.2
HPC1413-02	14	10.2
HPC1413-03	12.7	8.9
HPC1413-04	12.7	8.6



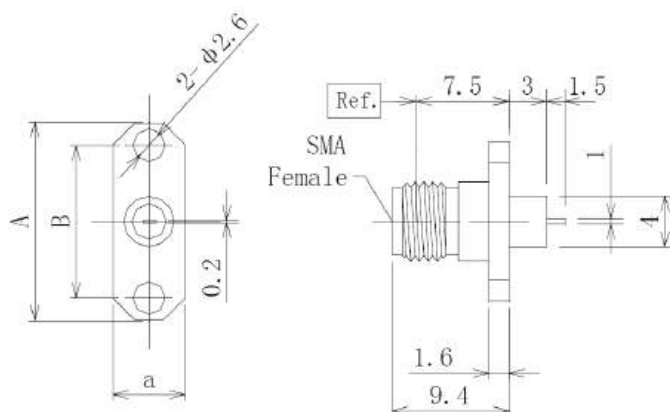
P/N	A	a	B	b
HPC1414-01	12.7	12.7	8.6	8.6
HPC1414-02	9.5	9.5	6.35	6.35
HPC1414-03	12.7	9.5	8.64	5.64



P/N	A	B
HPC1415-01	15.8	12.2
HPC1415-02	14	10.2
HPC1415-03	12.7	8.9
HPC1415-04	12.7	8.6

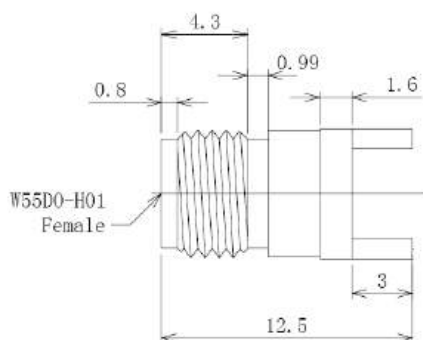
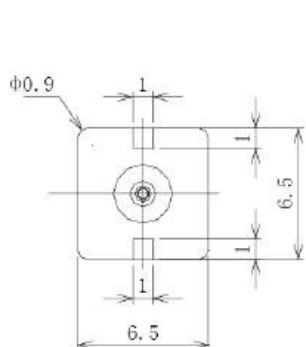


P/N	A	a	B	b
HPC1416-01	12.7	12.7	8.6	8.6
HPC1416-02	9.5	9.5	6.35	6.35
HPC1416-03	12.7	9.5	8.64	5.64



P/N	A	B
HPC1417-01	15.8	12.2
HPC1417-02	14	10.2
HPC1417-03	12.7	8.9
HPC1417-04	12.7	8.6

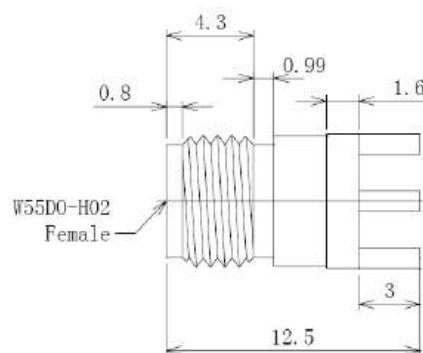
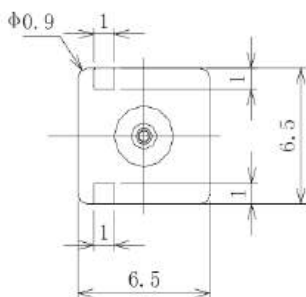
SMA Series PCB Connectors



P/N

HPC1510-01

Housing – Brass, gold plated

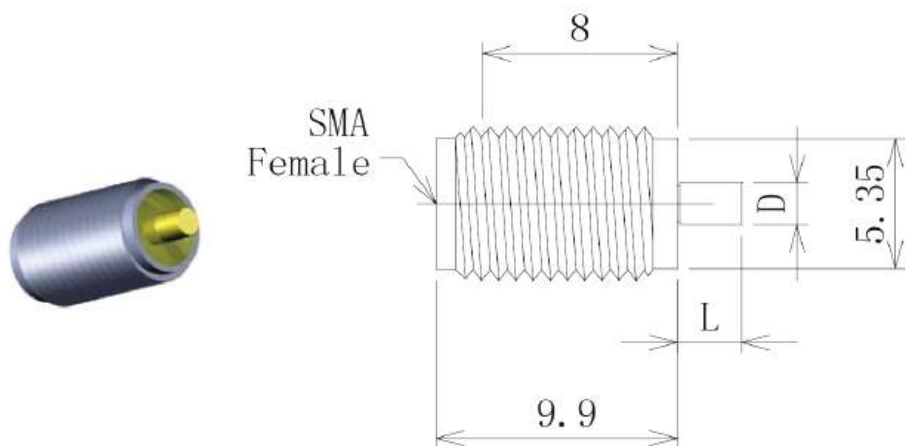


P/N

HPC1511-01

Housing – Brass, gold plated

SMA Series Bulkhead Thread-in Connectors



P/N	D	L
HPC1610-01	Customized	Customized

2.92mm Connector Series

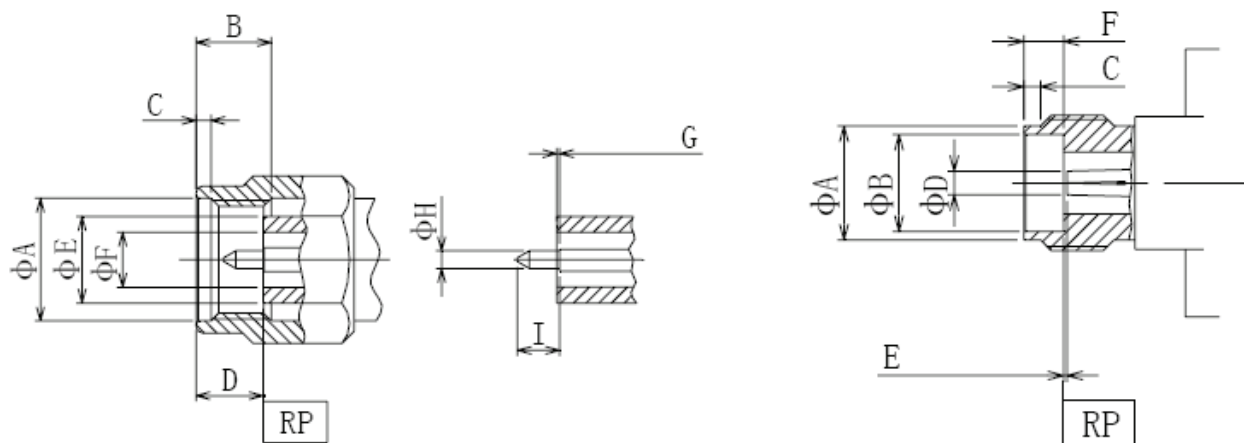
Performance Features

Nominal Impedance	50ohm
Frequency Range	DC-40GHz
VSWR:DC-40GHz...	1.15:1 max
Durability	500cycles
Operating Temperature	-60°C~ +165°C

Materials/Finishes

Housing: Type 303 Stainless Steel-Polished&Passivated
Center Contact: Beryllium Copper Plated Gold
Insulators: PEI

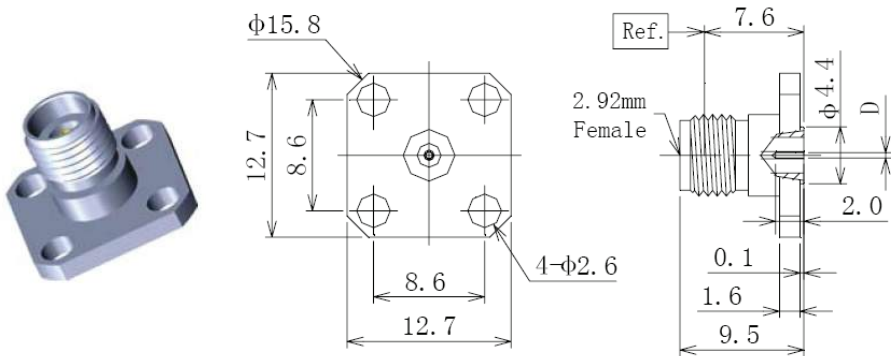
Interfaces: PER MIL-STD-348A



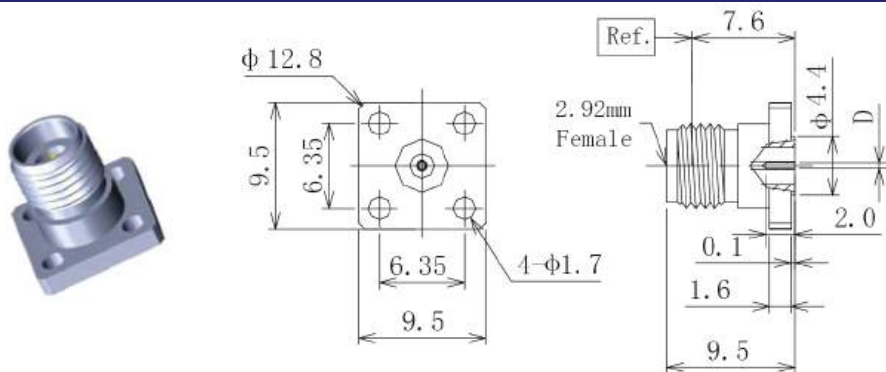
2.92mm Male (mm)		
	Min	Max
A	6.5	6.6
B	4	
C	0.8	
D	2.82	3.18
E	4.55	4.58
F	2.90	2.94
G	0	0.06
H	0.920	0.934
I	1.295	1.450

2.92mm Female (mm)		
	Min	Max
A	5.324	5.400
B	4.60	4.63
C	0.8	0.9
D	1.26	1.28
E	0	0.078
F	1.855	1.993

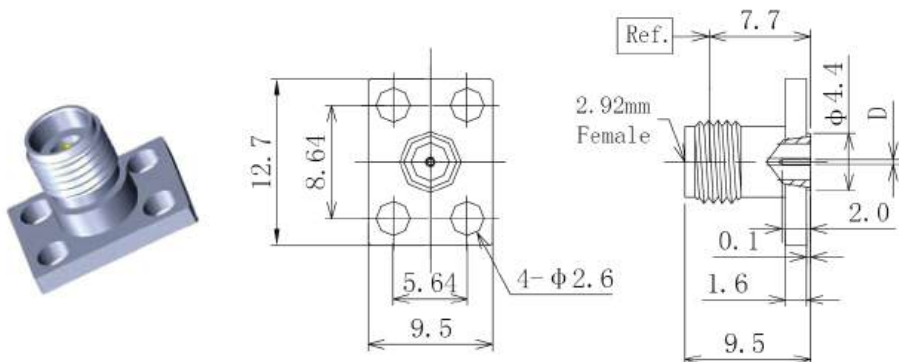
2.92mm Series Field Replaceable Flange Connectors



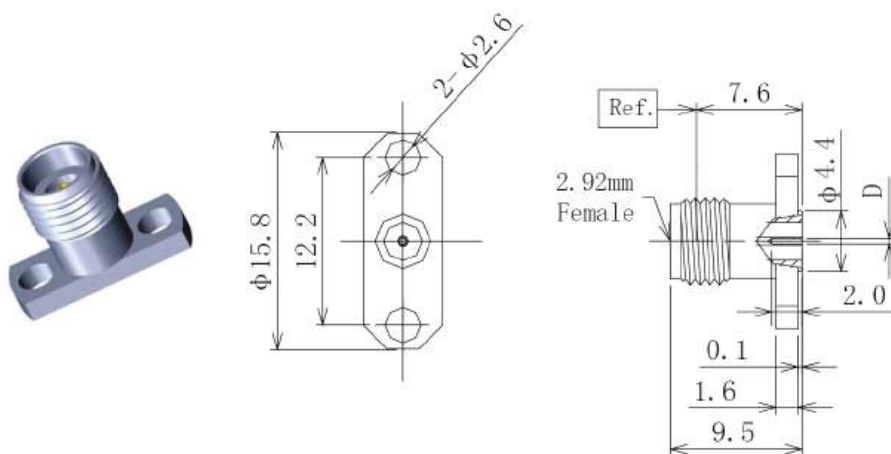
P/N	D
HPC3110-12	0.012inch/0.30mm
HPC3110-15	0.015inch/0.38mm
HPC3110-18	0.018inch/0.46mm
HPC3110-20	0.020inch/0.51mm



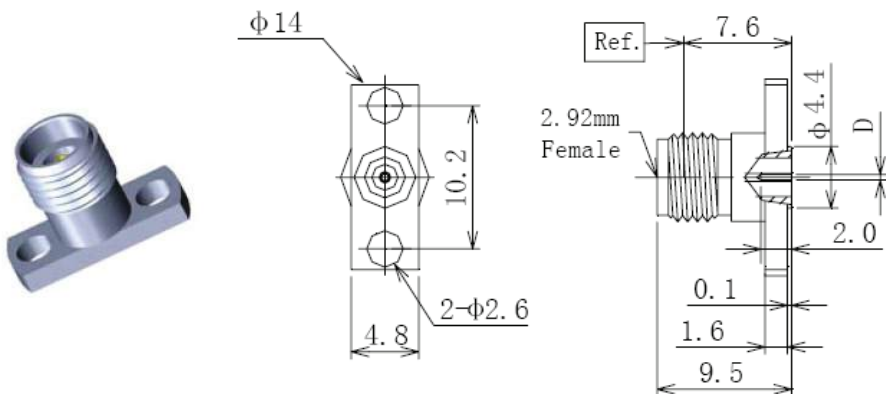
P/N	D
HPC3111-12	0.012inch/0.30mm
HPC3111-15	0.015inch/0.38mm
HPC3111-18	0.018inch/0.46mm
HPC3111-20	0.020inch/0.51mm



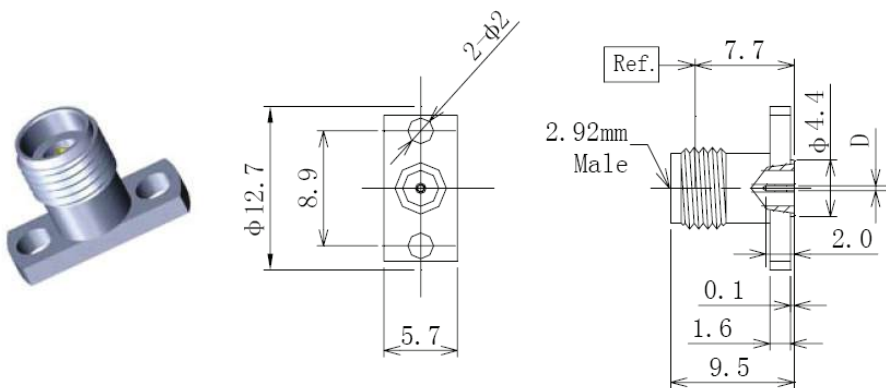
P/N	D
HPC3112-12	0.012inch/0.30mm
HPC3112-15	0.015inch/0.38mm
HPC3112-18	0.018inch/0.46mm
HPC3112-20	0.020inch/0.51mm



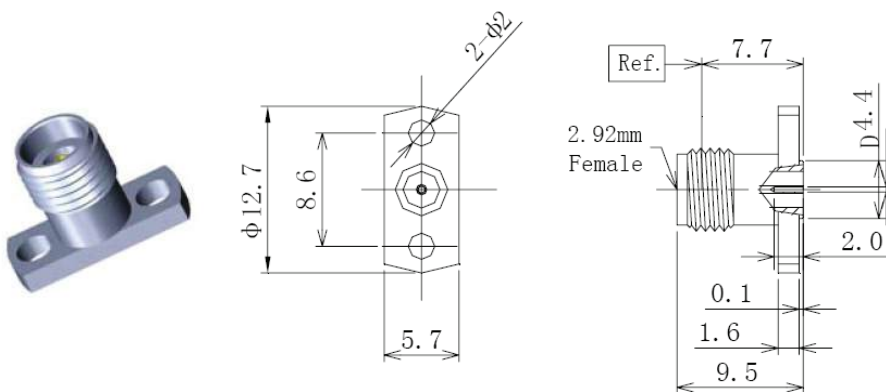
P/N	D
HPC3113-12	0.012inch/0.30mm
HPC3113-15	0.015inch/0.38mm
HPC3113-18	0.018inch/0.46mm
HPC3113-20	0.020inch/0.51mm



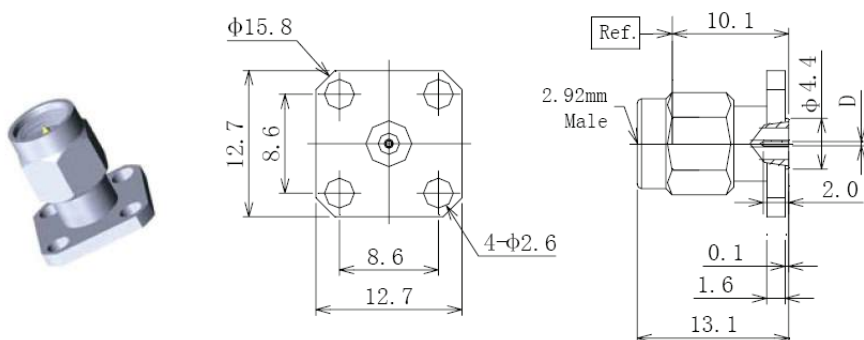
P/N	D
HPC3114-12	0.012inch/0.30mm
HPC3114-15	0.015inch/0.38mm
HPC3114-18	0.018inch/0.46mm
HPC3114-20	0.020inch/0.51mm



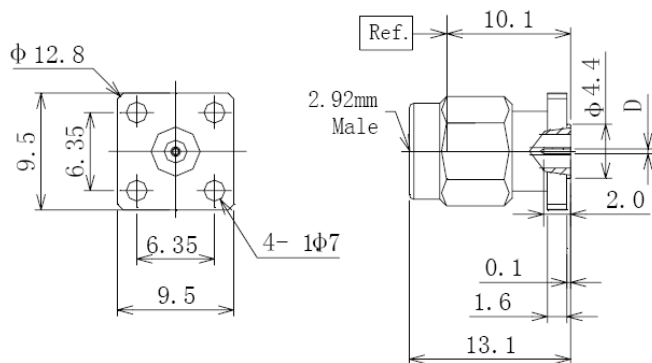
P/N	D
HPC3115-12	0.012inch/0.30mm
HPC3115-15	0.015inch/0.38mm
HPC3115-18	0.018inch/0.46mm
HPC3115-20	0.020inch/0.51mm



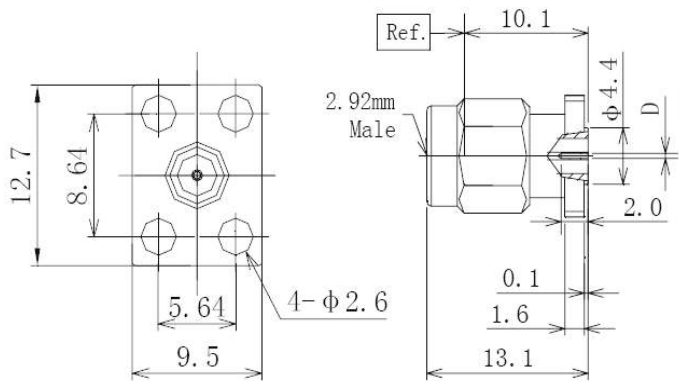
P/N	D
HPC3116-12	0.012inch/0.30mm
HPC3116-15	0.015inch/0.38mm
HPC3116-18	0.018inch/0.46mm
HPC3116-20	0.020inch/0.51mm



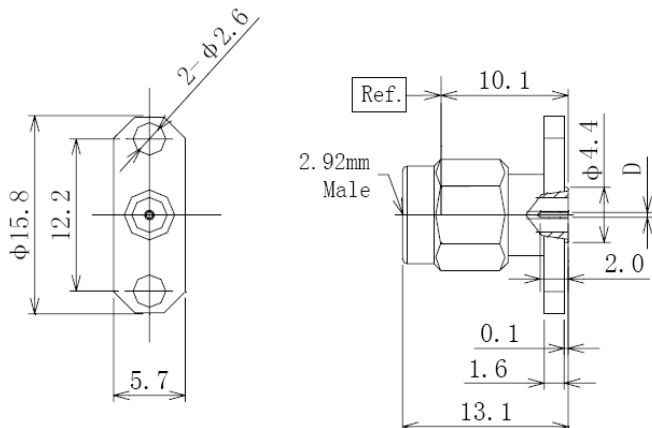
P/N	D
HPC3117-12	0.012inch/0.30mm
HPC3117-15	0.015inch/0.38mm
HPC3117-18	0.018inch/0.46mm
HPC3117-20	0.020inch/0.51mm



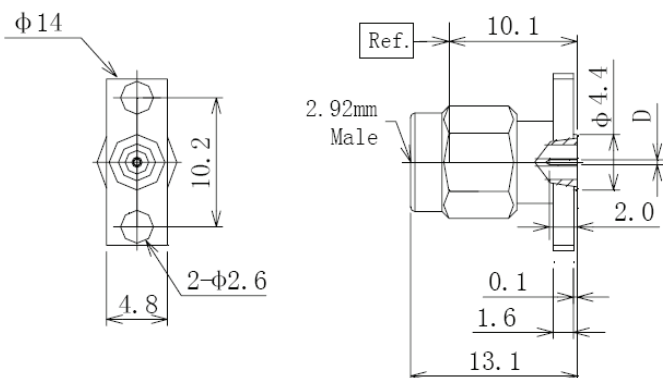
P/N	D
HPC3118-12	0.012inch/0.30mm
HPC3118-15	0.015inch/0.38mm
HPC3118-18	0.018inch/0.46mm
HPC3118-20	0.020inch/0.51mm



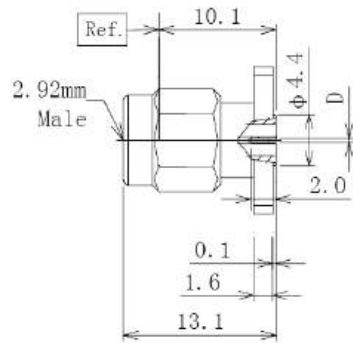
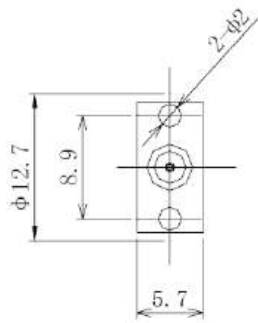
P/N	D
HPC3119-12	0.012inch/0.30mm
HPC3119-15	0.015inch/0.38mm
HPC3119-18	0.018inch/0.46mm
HPC3119-20	0.020inch/0.51mm



P/N	D
HPC3120-12	0.012inch/0.30mm
HPC3120-15	0.015inch/0.38mm
HPC3120-18	0.018inch/0.46mm
HPC3120-20	0.020inch/0.51mm

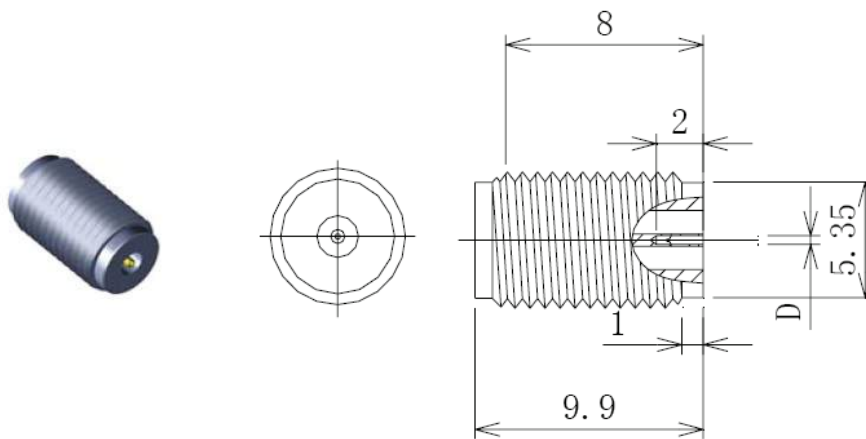


P/N	D
HPC3121-12	0.012inch/0.30mm
HPC3121-15	0.015inch/0.38mm
HPC3121-18	0.018inch/0.46mm
HPC3121-20	0.020inch/0.51mm

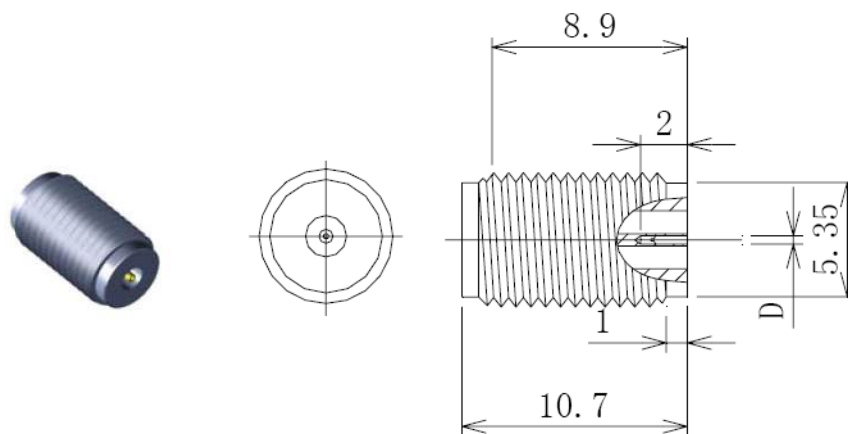


P/N	D
HPC3122-12	0.012inch/0.30mm
HPC3122-15	0.015inch/0.38mm
HPC3122-18	0.018inch/0.46mm
HPC3122-20	0.020inch/0.51mm

2.92mm Series Field Replaceable Thread-in Connectors

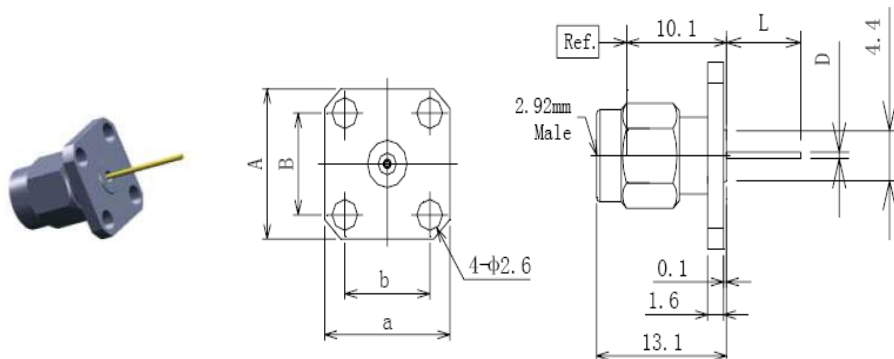


P/N	D
HPC3210-12	0.012inch/0.30mm
HPC3210-15	0.015inch/0.38mm
HPC3210-18	0.018inch/0.46mm
HPC3210-20	0.020inch/0.51mm

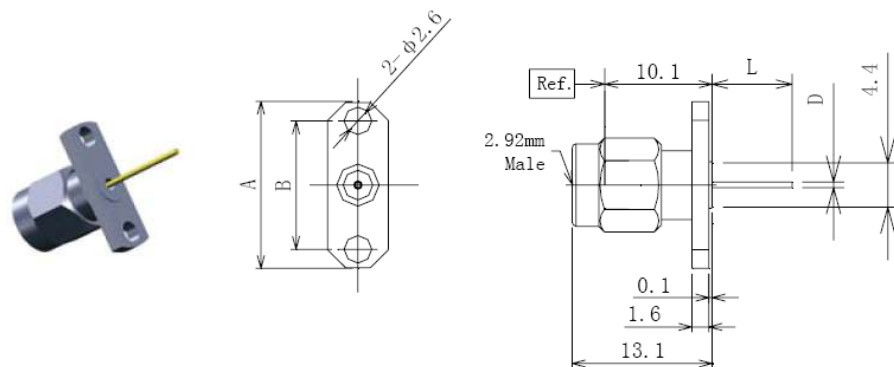


P/N	D
HPC3211-12	0.012inch/0.30mm
HPC3211-15	0.015inch/0.38mm
HPC3211-18	0.018inch/0.46mm
HPC3211-20	0.020inch/0.51mm

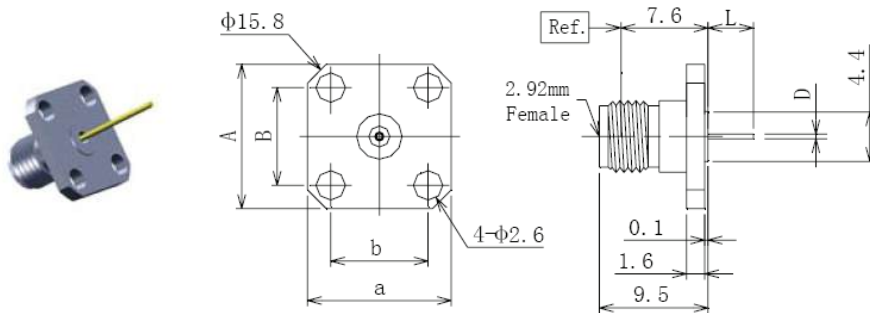
2.92mm Series Bulkhead Flange Connectors



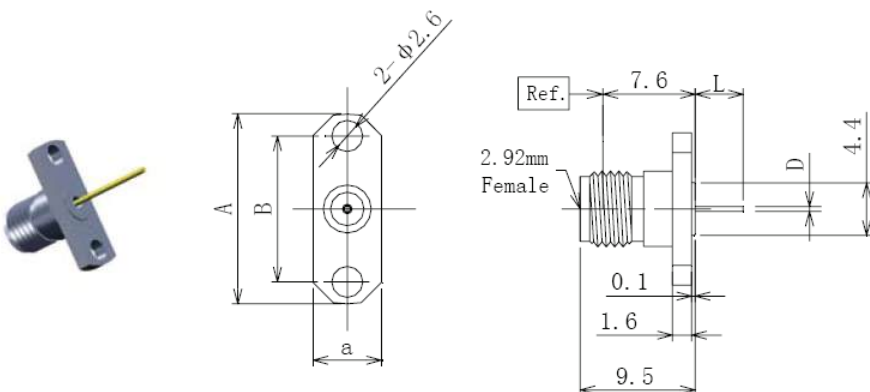
P/N	A	a	B	b
HPC3310-01	12.7	12.7	8.6	8.6
HPC3310-02	9.5	9.5	6.35	6.35
HPC3310-03	12.7	9.5	8.64	5.64



P/N	A	B
HPC3311-01	15.8	12.2
HPC3311-02	14	10.2
HPC3311-03	12.7	8.9



P/N	A	a	B	b
HPC3312-01	12.7	12.7	8.6	8.6
HPC3312-02	9.5	9.5	6.35	6.35
HPC3312-03	12.7	9.5	8.64	5.64



P/N	A	B
HPC3313-01	15.8	12.2
HPC3313-02	14	10.2
HPC3313-03	12.7	8.9

2.4mm Connector Series

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-50GHz

VSWR: DC-50GHz.... 1.15:1 max

Durability: 500cycles

Operating Temperature: -60°C ~ +165°C

Materials/Finishes

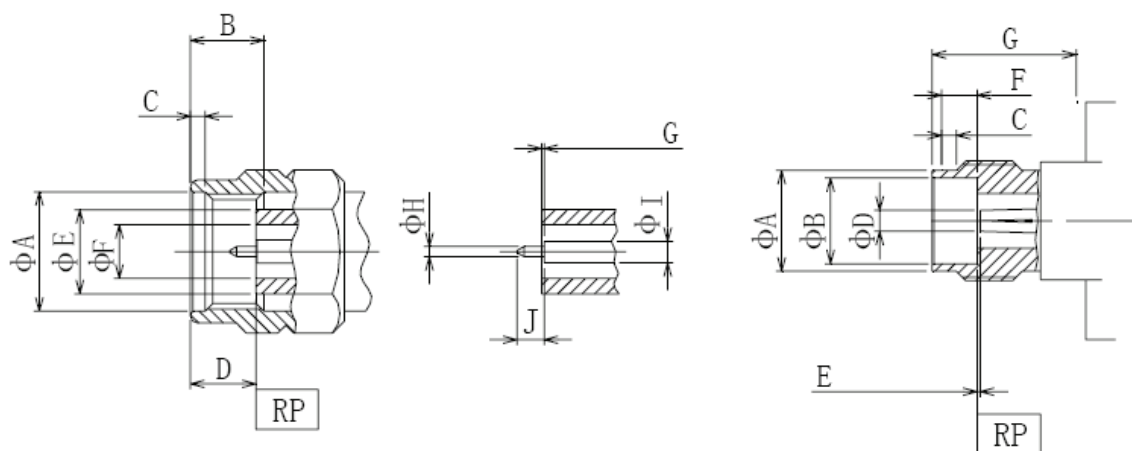
Housing: Type 303 Stainless Steel-Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

Insulators: PEI

Interface: Per MIL-STD-348A

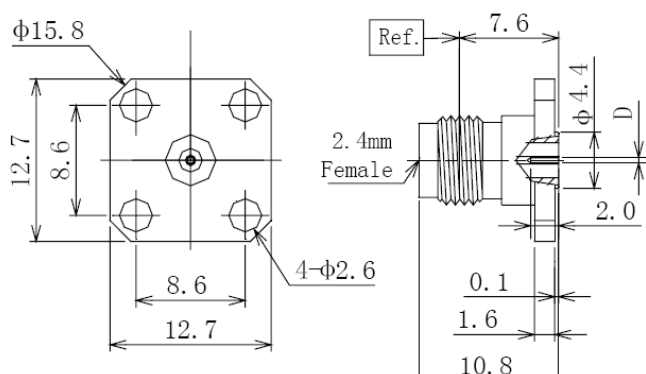
Interface Standards



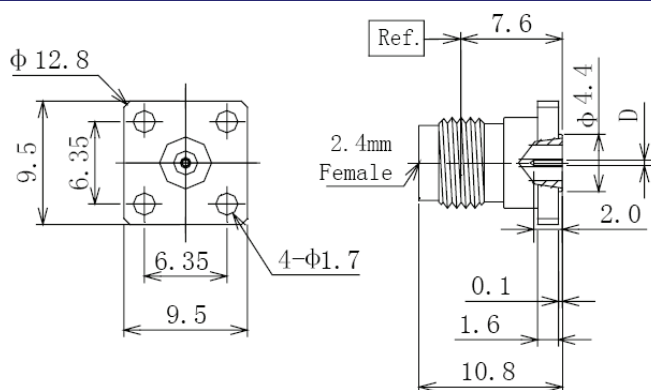
2.4mm Male(mm)		
	Min	Max
A	7.05	7.15
B	4	
C	0.8	
D	1.7	1.9
E	4.725	4.750
F	2.385	2.415
G	0	0.055
H	0.49	0.51
I	1.032	1.052
J	1.305	1.45

2.4mm Female (mm)		
	Min	Max
A	5.7	5.9
B	4.770	4.795
C	1.4	1.6
D	1.12	1.14
E	0	0.055
F	3	3.08
G	6.4	

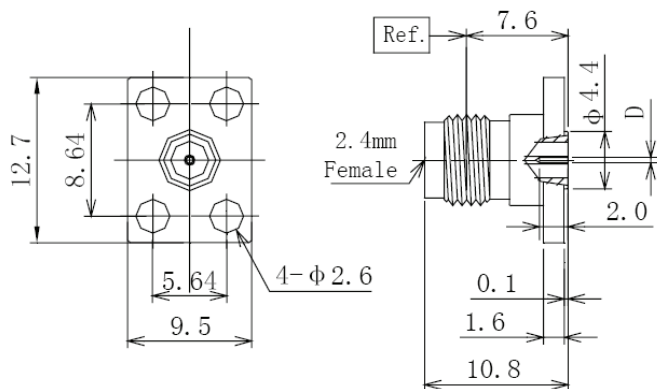
2.4mm Series Field Replaceable Flange Connectors



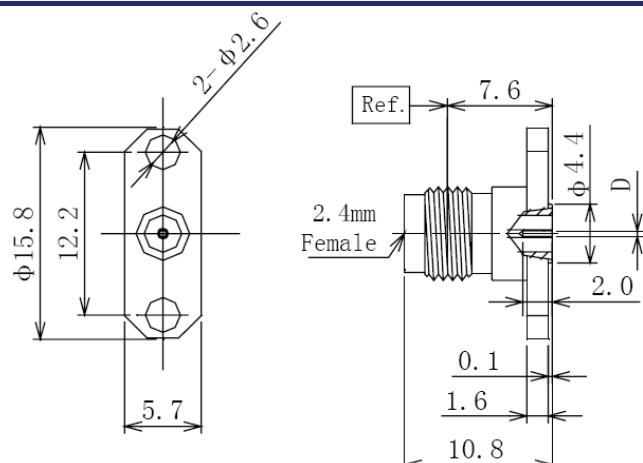
P/N	D
HPC4110-12	0.012inch/0.30mm
HPC4110-15	0.015inch/0.38mm
HPC4110-18	0.018inch/0.46mm
HPC4110-20	0.020inch/0.51mm



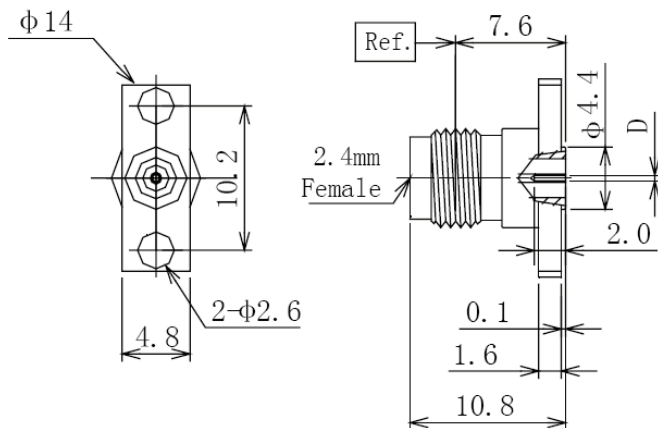
P/N	D
HPC4111-12	0.012inch/0.30mm
HPC4111-15	0.015inch/0.38mm
HPC4111-18	0.018inch/0.46mm
HPC4111-20	0.020inch/0.51mm



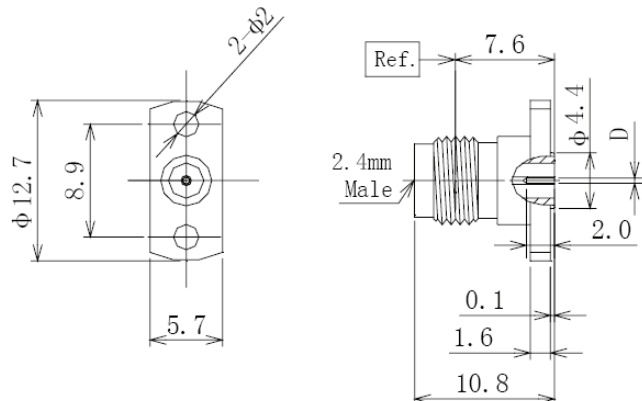
P/N	D
HPC4112-12	0.012inch/0.30mm
HPC4112-15	0.015inch/0.38mm
HPC4112-18	0.018inch/0.46mm
HPC4112-20	0.020inch/0.51mm



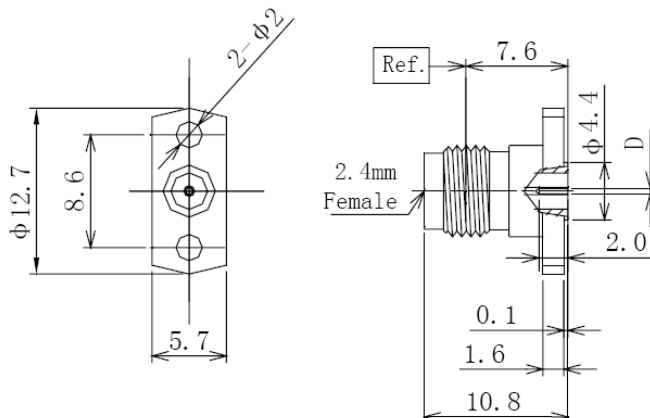
P/N	D
HPC4113-12	0.012inch/0.30mm
HPC4113-15	0.015inch/0.38mm
HPC4113-18	0.018inch/0.46mm
HPC4113-20	0.020inch/0.51mm



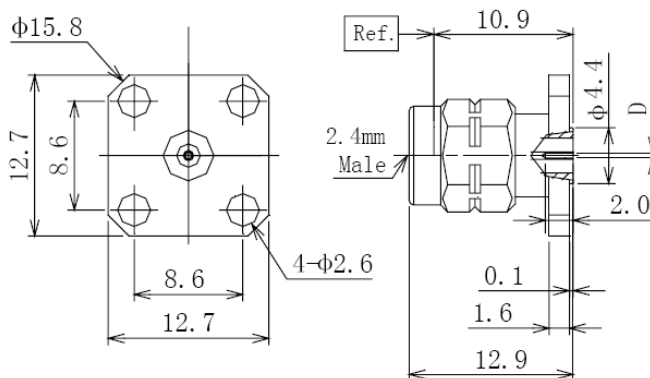
P/N	D
HPC4114-12	0.012inch/0.30mm
HPC4114-15	0.015inch/0.38mm
HPC4114-18	0.018inch/0.46mm
HPC4114-20	0.020inch/0.51mm



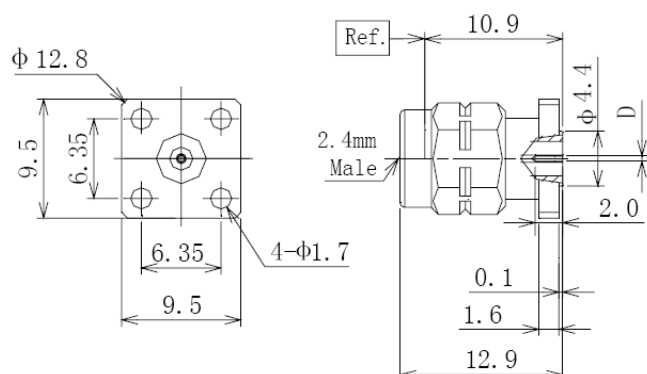
P/N	D
HPC4115-12	0.012inch/0.30mm
HPC4115-15	0.015inch/0.38mm
HPC4115-18	0.018inch/0.46mm
HPC4115-20	0.020inch/0.51mm



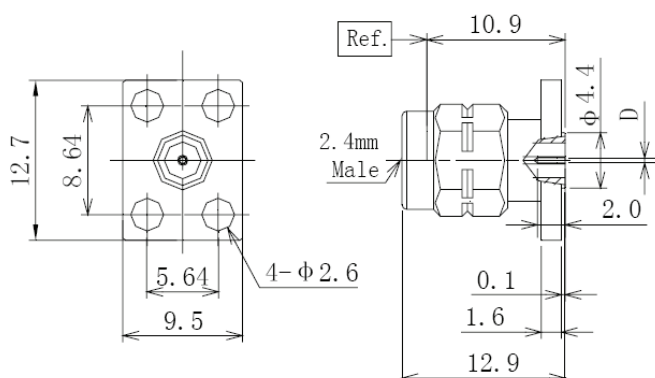
P/N	D
HPC4116-12	0.012inch/0.30mm
HPC4116-15	0.015inch/0.38mm
HPC4116-18	0.018inch/0.46mm
HPC4116-20	0.020inch/0.51mm



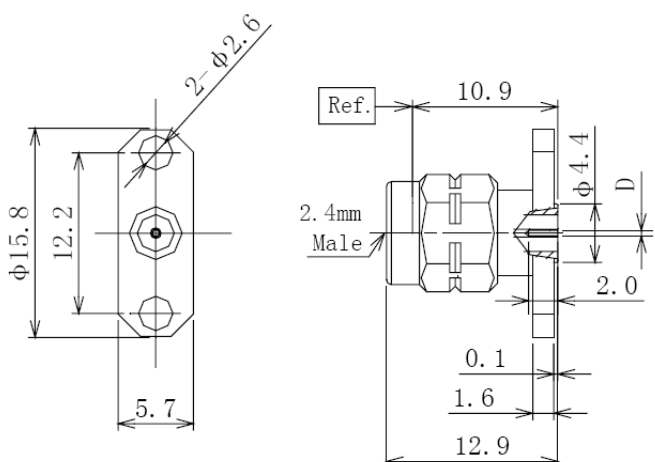
P/N	D
HPC4117-12	0.012inch/0.30mm
HPC4117-15	0.015inch/0.38mm
HPC4117-18	0.018inch/0.46mm
HPC4117-20	0.020inch/0.51mm



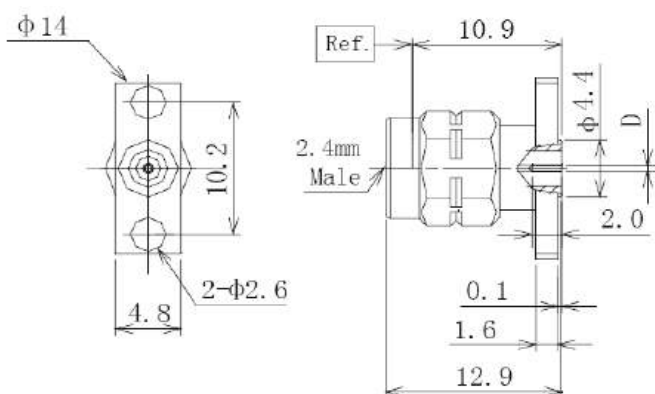
P/N	D
HPC4118-12	0.012inch/0.30mm
HPC4118-15	0.015inch/0.38mm
HPC4118-18	0.018inch/0.46mm
HPC4118-20	0.020inch/0.51mm



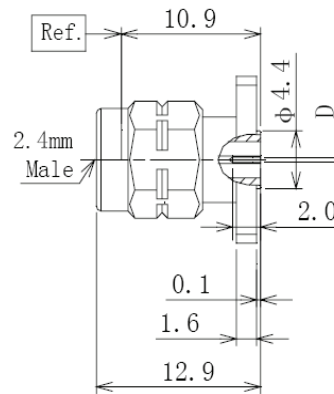
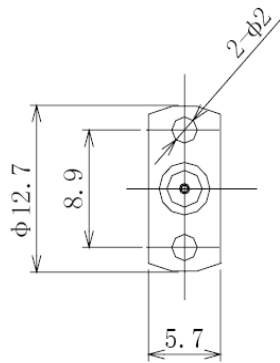
P/N	D
HPC4119-12	0.012inch/0.30mm
HPC4119-15	0.015inch/0.38mm
HPC4119-18	0.018inch/0.46mm
HPC4119-20	0.020inch/0.51mm



P/N	D
HPC4120-12	0.012inch/0.30mm
HPC4120-15	0.015inch/0.38mm
HPC4120-18	0.018inch/0.46mm
HPC4120-20	0.020inch/0.51mm

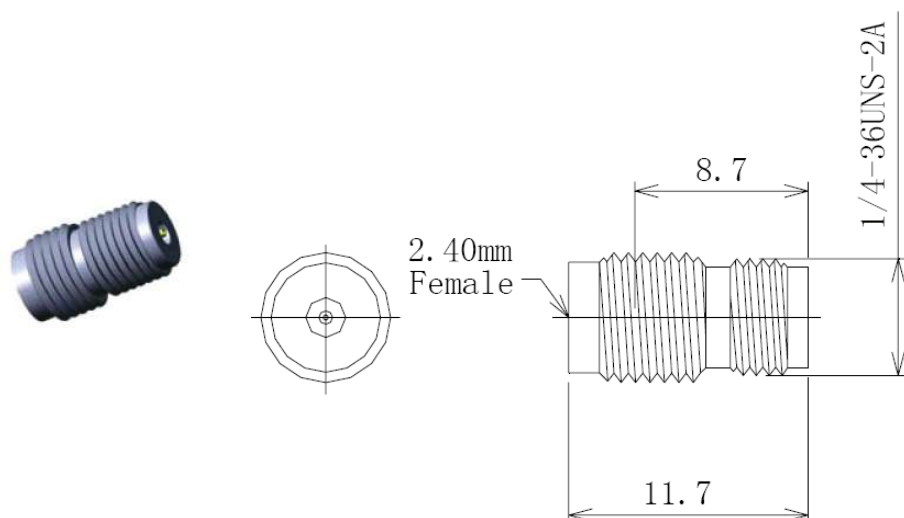


P/N	D
HPC4121-12	0.012inch/0.30mm
HPC4121-15	0.015inch/0.38mm
HPC4121-18	0.018inch/0.46mm
HPC4121-20	0.020inch/0.51mm



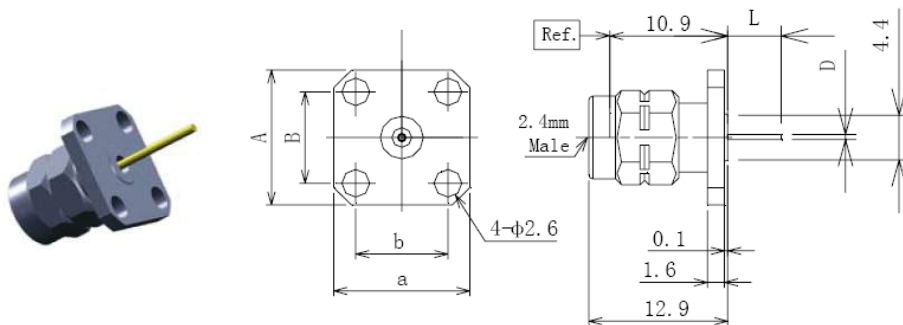
P/N	D
HPC4122-12	0.012inch/0.30mm
HPC4122-15	0.015inch/0.38mm
HPC4122-18	0.018inch/0.46mm
HPC4122-20	0.020inch/0.51mm

2.4mm Series Field Replaceable Thread-in Connectors



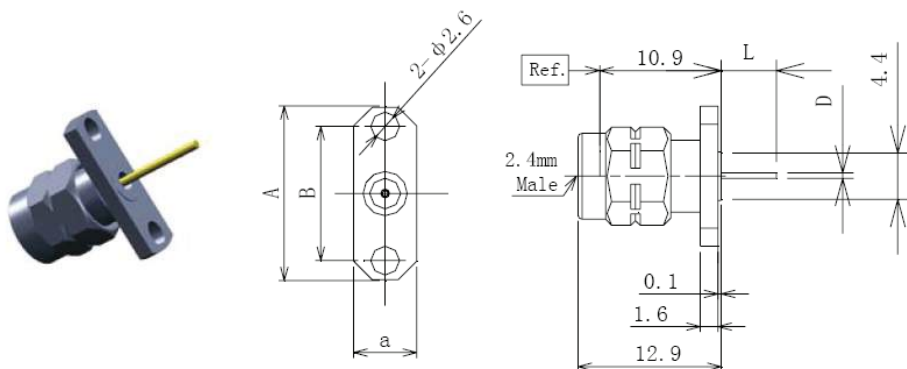
P/N	D
HPC4210-12	0.012inch/0.30mm
HPC4210-15	0.015inch/0.38mm
HPC4210-18	0.018inch/0.46mm
HPC4210-20	0.020inch/0.51mm

2.4mm Series Bulkhead Flange Connectors



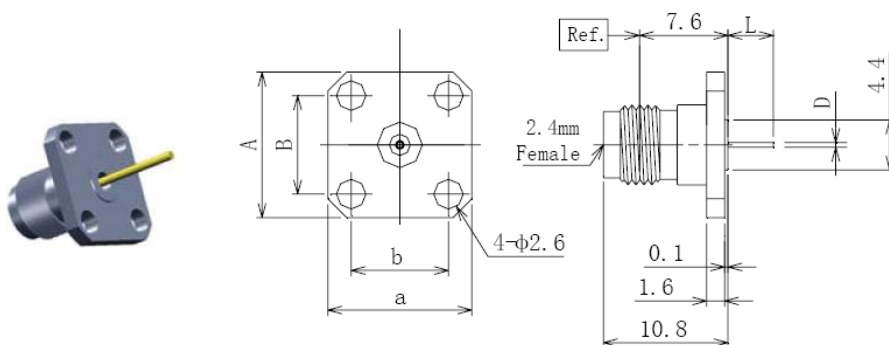
P/N	A	a	B	b
HPC4310-01	12.7	12.7	8.6	8.6
HPC4310-02	9.5	9.5	6.35	6.35
HPC4310-03	12.7	9.5	8.64	5.64

Note: D/L Customized



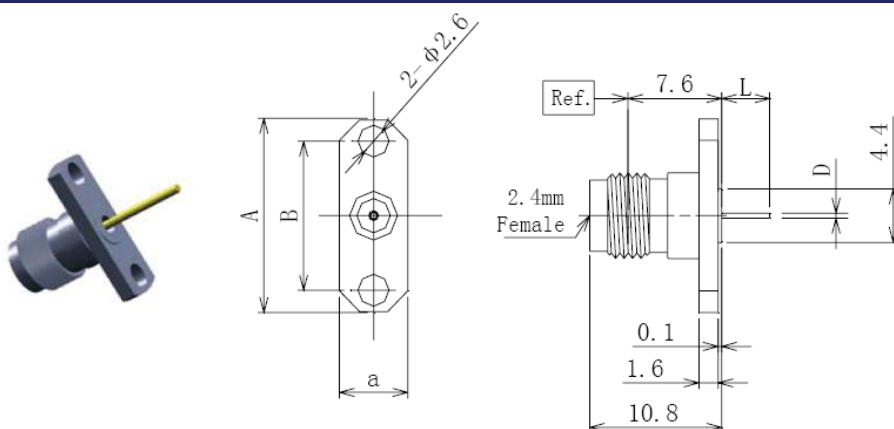
P/N	A	B
HPC4311-01	15.8	12.2
HPC4311-02	14	10.2
HPC4311-03	12.7	8.9

Note: D/L Customized



P/N	A	a	B	b
HPC4312-01	12.7	12.7	8.6	8.6
HPC4312-02	9.5	9.5	6.35	6.35
HPC4312-03	12.7	9.5	8.64	5.64

Note: D/L Customized



P/N	A	B
HPC4313-01	15.8	12.2
HPC4313-02	14	10.2
HPC4313-03	12.7	8.9

Note: D/L Customized

N Type Connector Series

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-18GHz

VSWR: DC-18GHz.... 1.15:1 max

Durability: 500cycles

Operating Temperature: -60°C ~ +165°C

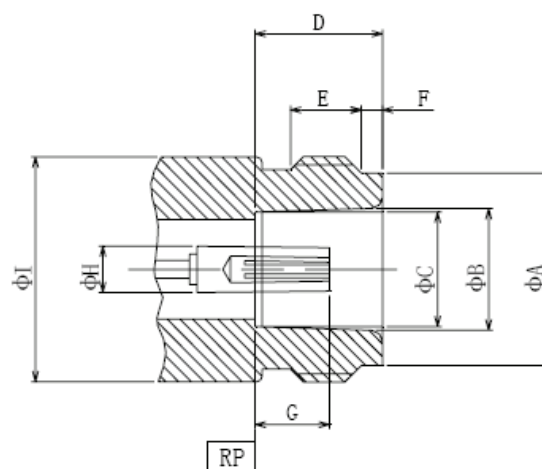
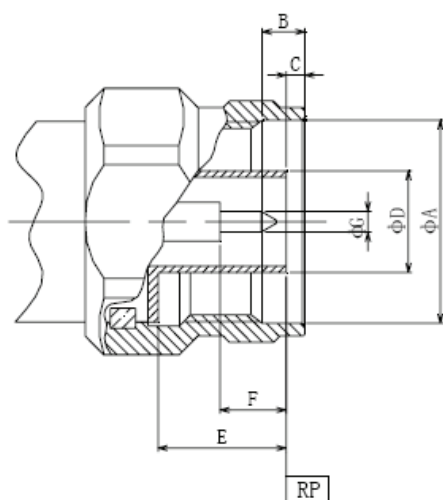
Interfaces: Per MIL-STD-348A

Materials/Finishes

Housing: Type 303 Stainless Steel-Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

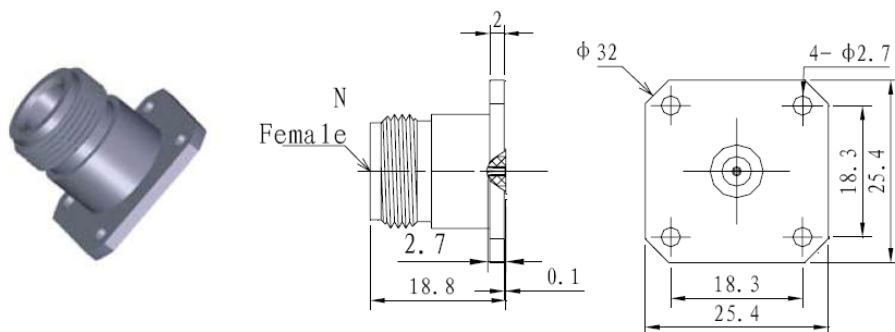
Insulators: PEI & PTFE



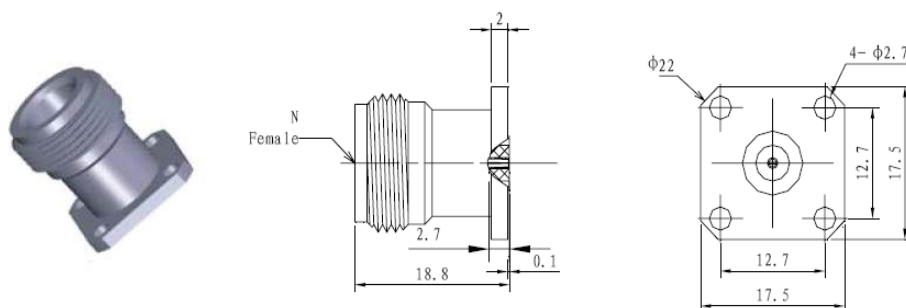
N Male (mm)		
LTR	Min	Max
A	15	17
B	3.3	3.5
C	1.3	1.55
D	8	8.035
E	10.1	10.3
F	5.36	5.46
G	1.62	1.65

N Female (mm)		
LTR	Min	Max
A	13.4	13.6
B	8.5	8.7
C	8.05	8.086
D	8.88	9.16
E	4.9	5.1
F	1.4	1.6
G	5.16	5.26
H	3.025	3.055
I	15.75	15.88

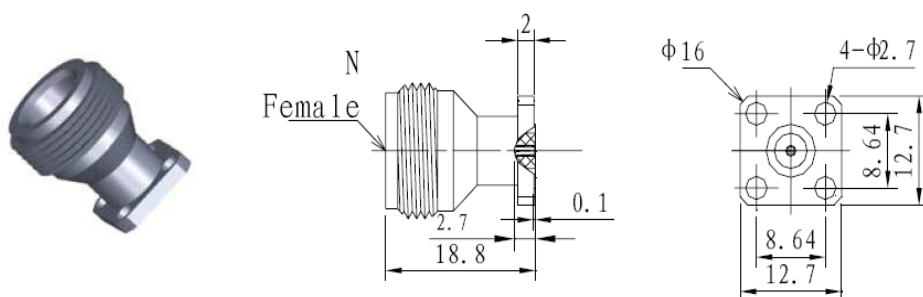
N Series Field Replaceable Flange Connectors



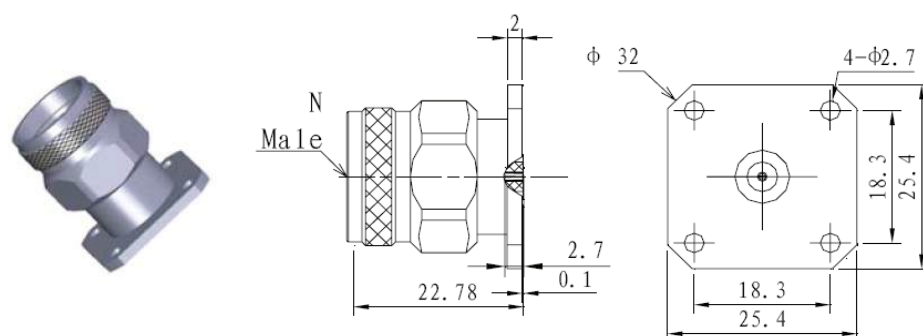
P/N	D
HPC5110-18	0.018inch/0.46mm
HPC5110-20	0.020inch/0.51mm
HPC5110-36	0.036inch/0.91mm



P/N	D
HPC5111-18	0.018inch/0.46mm
HPC5111-20	0.020inch/0.51mm
HPC5111-36	0.036inch/0.91mm

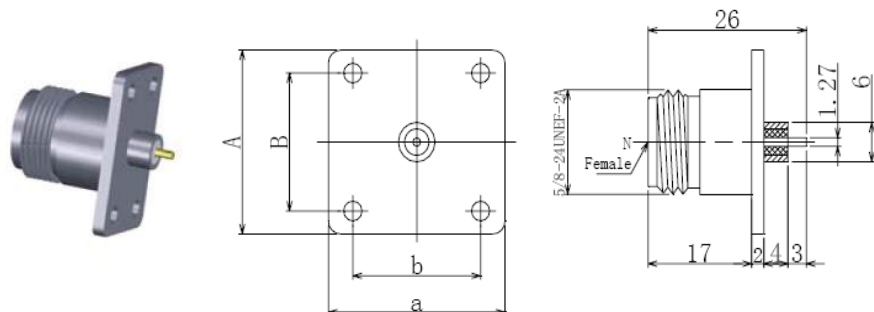


P/N	D
HPC5112-18	0.018inch/0.46mm
HPC5112-20	0.020inch/0.51mm
HPC5112-36	0.036inch/0.91mm



P/N	D
HPC5113-18	0.018inch/0.46mm
HPC5113-20	0.020inch/0.51mm
HPC5113-36	0.036inch/0.91mm

N Series Bulkhead Flange Connectors



P/N	A	a	B	b
HPC5210-01	25.4	25.4	18.28	18.28
HPC5210-02	17.52	17.52	12.7	12.7
HPC5210-03	12.7	12.7	8.64	8.64
HPC5210-04	28	18	21	10

SSMA Connector Series

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-40GHz

VSWR: DC-40GHz.... 1.20:1 max

Durability: 500 cycles

Operating Temperature: -60°C ~ +165°C

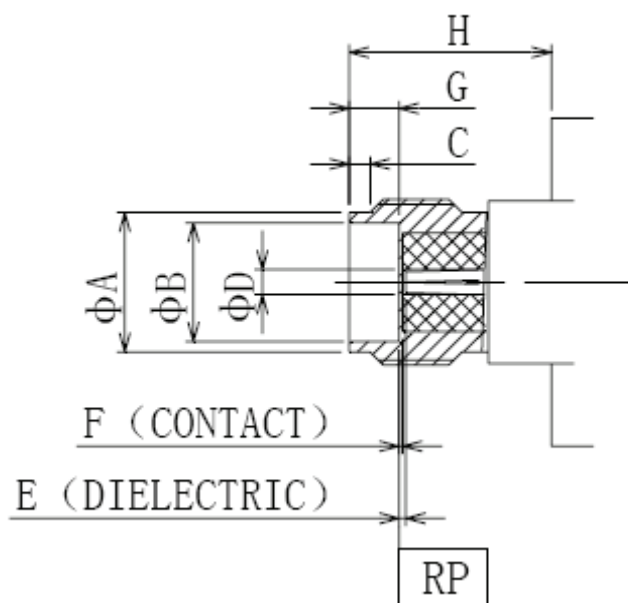
Interfaces: Per MIL-STD-348A

Materials/Finishes

Housing: Type 303 Stainless steel-Polished & Passivated

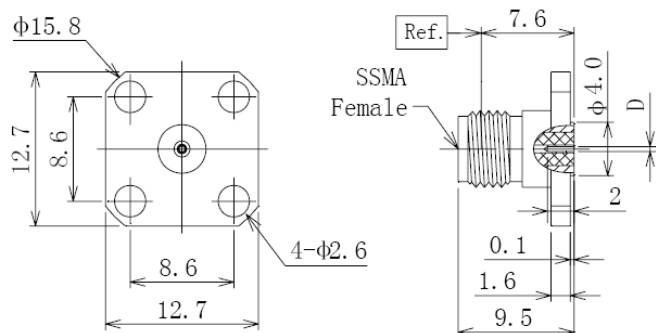
Center Contact: Beryllium Copper Plated Gold

Insulators: PEI & PTFE

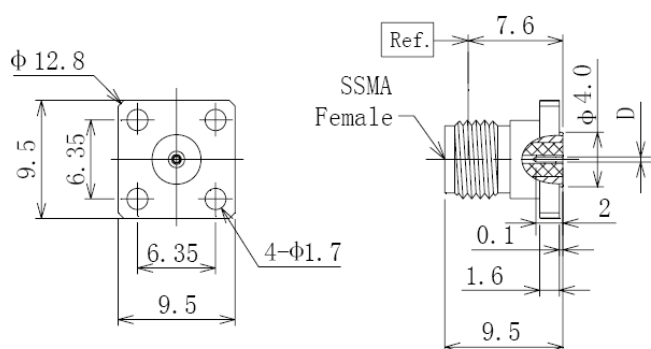


SSMA Female (mm)		
LTR	Min	Max
A	3.85	4.05
B	3.23	3.28
C	0.9	1.1
D	0.8373	0.8627
E	0	0.03
F	0	0.04
G	1.79	1
H	7.8	8.0

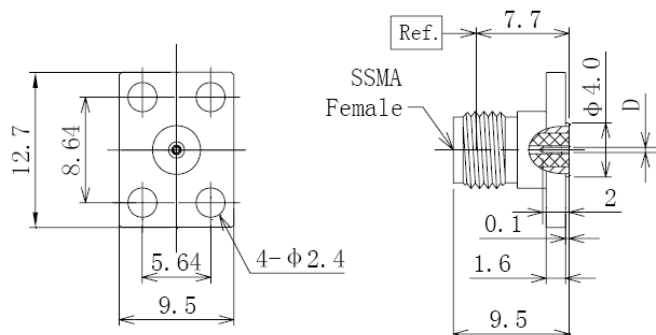
SSMA Series Field Replaceable Flange Connectors



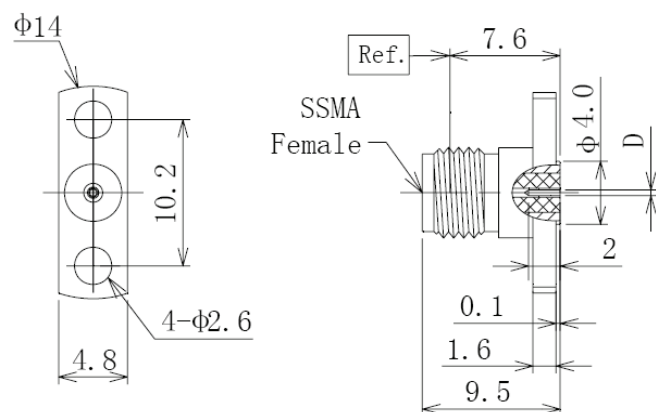
P/N	D
HPC6110-12	0.012inch/0.30mm
HPC6110-15	0.015inch/0.38mm
HPC6110-18	0.018inch/0.46mm
HPC6110-20	0.020inch/0.51mm



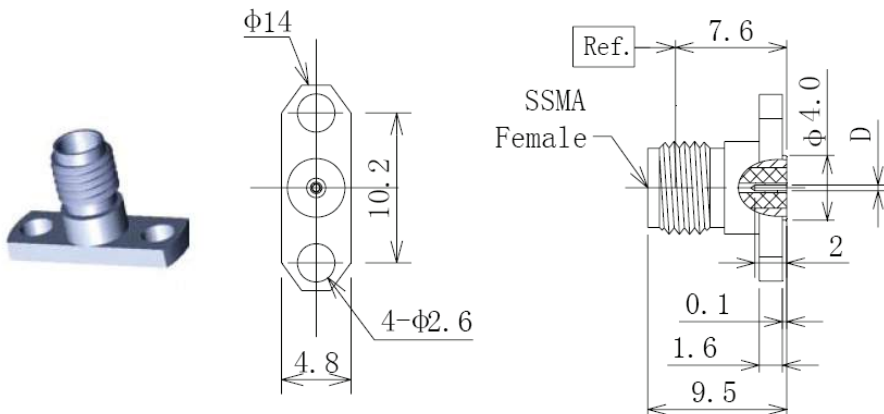
P/N	D
HPC6111-12	0.012inch/0.30mm
HPC6111-15	0.015inch/0.38mm
HPC6111-18	0.018inch/0.46mm
HPC6111-20	0.020inch/0.51mm



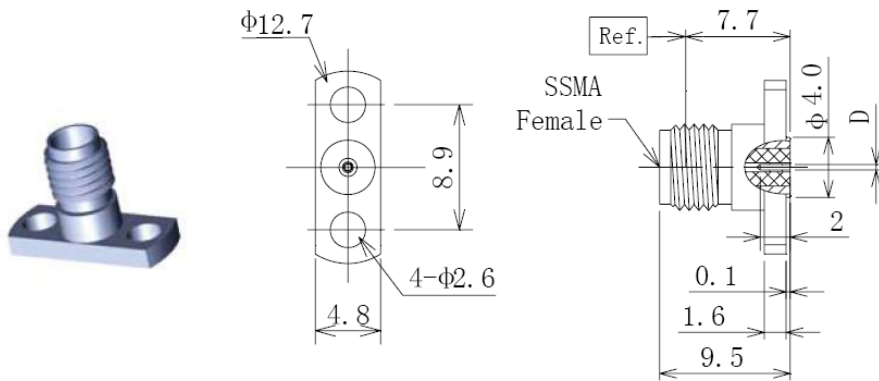
P/N	D
HPC6112-12	0.012inch/0.30mm
HPC6112-15	0.015inch/0.38mm
HPC6112-18	0.018inch/0.46mm
HPC6112-20	0.020inch/0.51mm



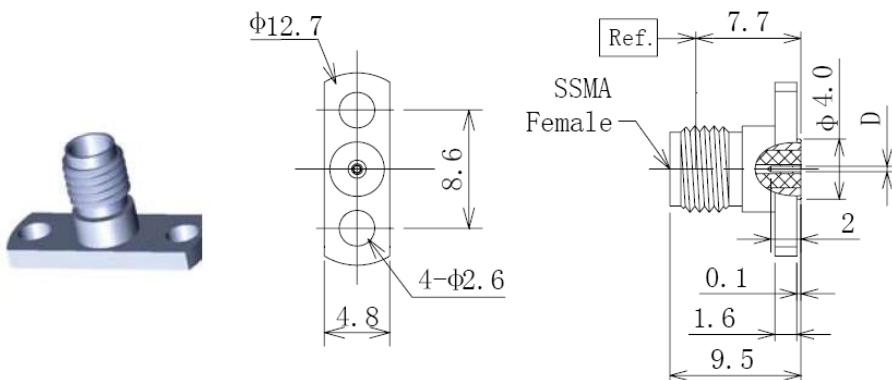
P/N	D
HPC6113-12	0.012inch/0.30mm
HPC6113-15	0.015inch/0.38mm
HPC6113-18	0.018inch/0.46mm
HPC6113-20	0.020inch/0.51mm



P/N	D
HPC6114-12	0.012inch/0.30mm
HPC6114-15	0.015inch/0.38mm
HPC6114-18	0.018inch/0.46mm
HPC6114-20	0.020inch/0.51mm

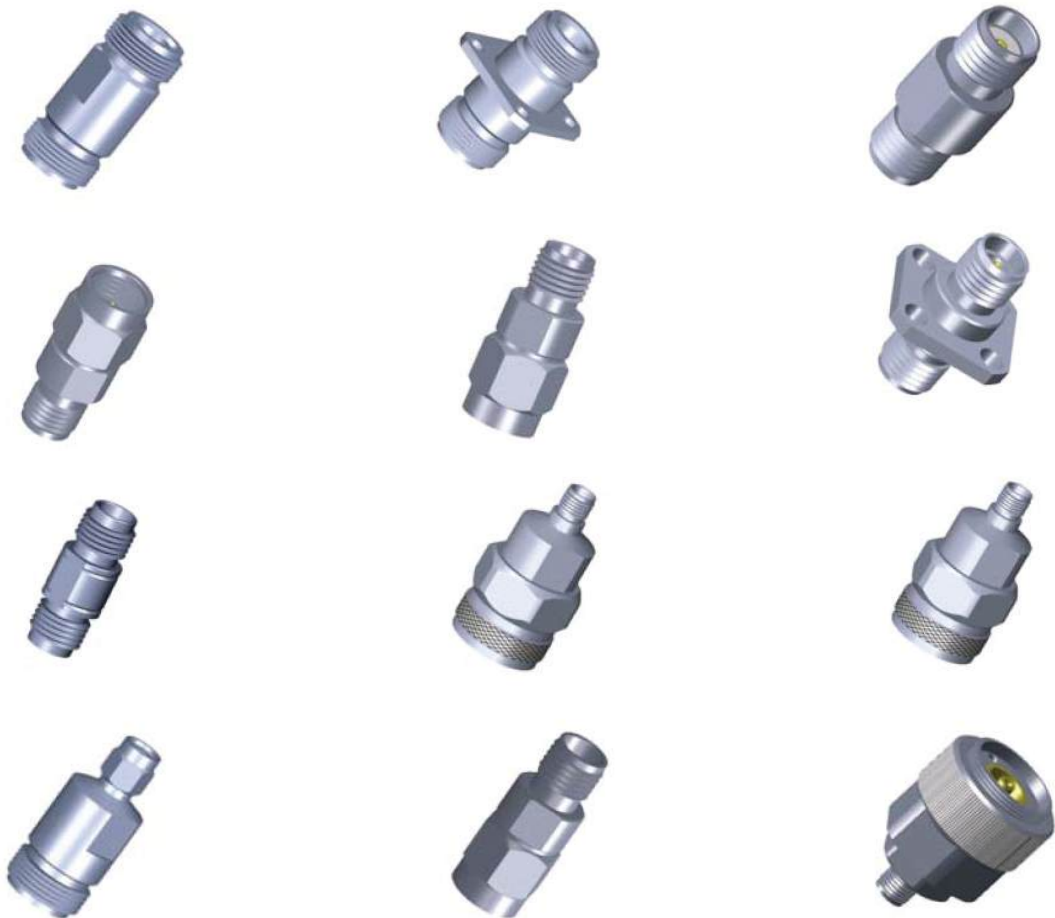


P/N	D
HPC6115-12	0.012inch/0.30mm
HPC6115-15	0.015inch/0.38mm
HPC6115-18	0.018inch/0.46mm
HPC6115-20	0.020inch/0.51mm



P/N	D
HPC6116-12	0.012inch/0.30mm
HPC6116-15	0.015inch/0.38mm
HPC6116-18	0.018inch/0.46mm
HPC6116-20	0.020inch/0.51mm

RF Coaxial Adapters



N Type In-Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-18GHz

Durability: 500cycles

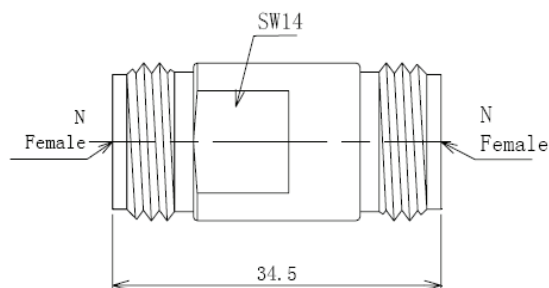
Operating Temperature:-60°C ~ +165°C

Materials/Finishes

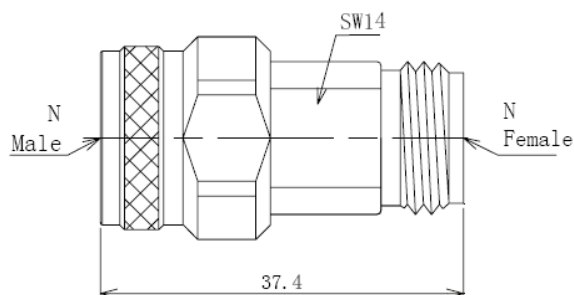
Housing: Type 303 Stainless Steel-Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

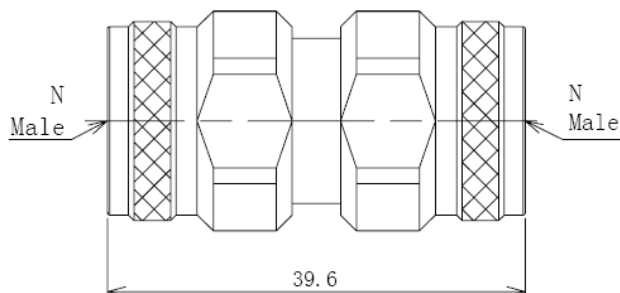
Insulators: PEI



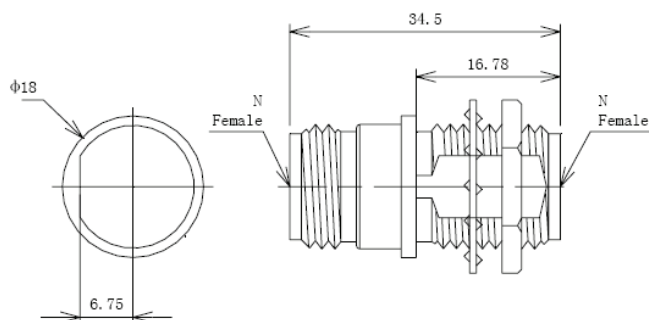
P/N	HPA111-01
Description	N/Female-N/Female
VSWR	DC-18GHz...1.15:1 max



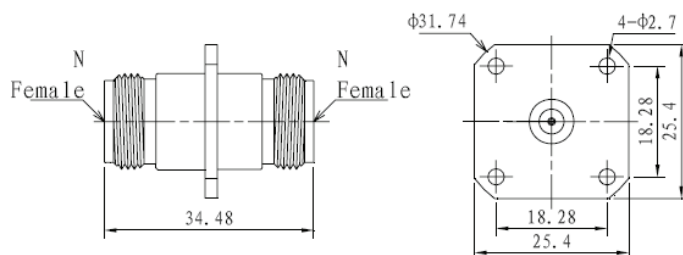
P/N	HPA111-02
Description	N/Male-N/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA111-03
Description	N/Male-N/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA111-04
Description	N/Female-N/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA111-05
Description	N/Female-N/Female
VSWR	DC-18GHz...1.15:1 max

SMA In-Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-27GHz

Durability: 500cycles

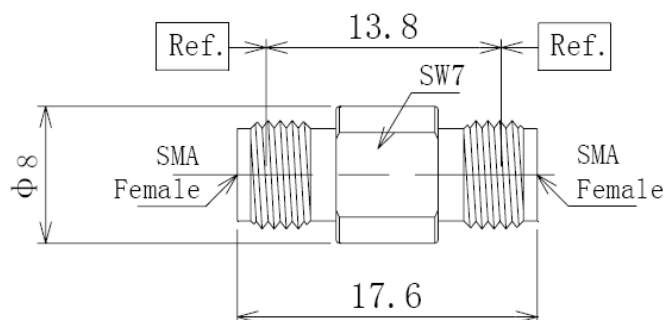
Operating Temperature: -50°C ~ +125°C

Materials/Finishes

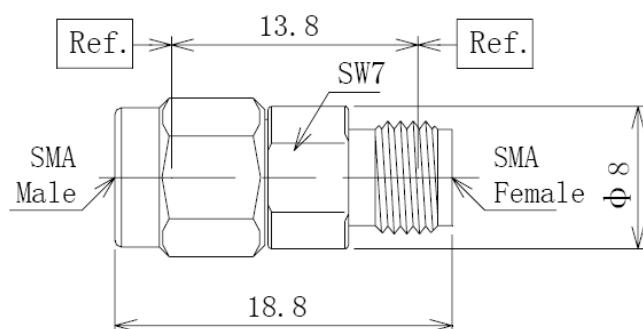
Housing: Type 303 Stainless Steel- Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

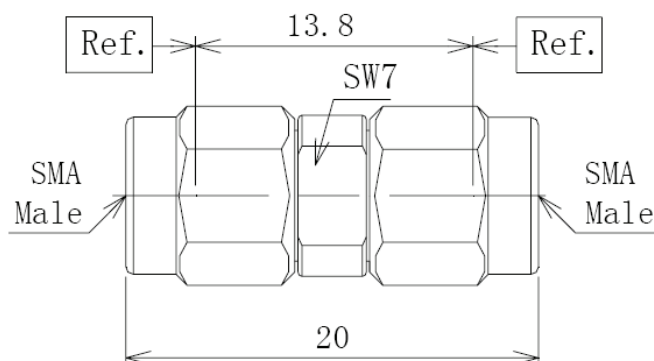
Insulators: PEI & PTFE



P/N	HPA112-01
Description	SMA/Female-SMA/Female
VSWR	DC-27GHz...1.15:1 max



P/N	HPA112-02
Description	SMA/Male-SMA/Female
VSWR	DC-27GHz...1.15:1 max



P/N	HPA112-03
Description	SMA/Male-SMA/Male
VSWR	DC-27GHz...1.15:1 max

3.5mm In-Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-33GHz

Durability: 500cycles

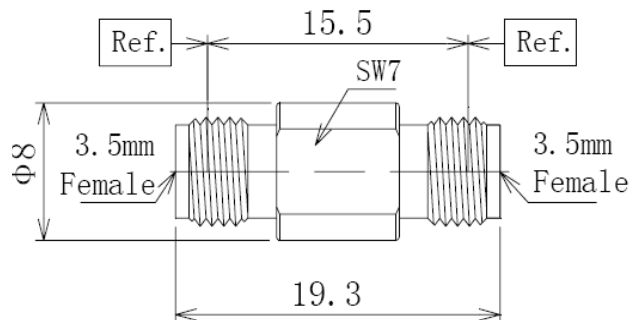
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

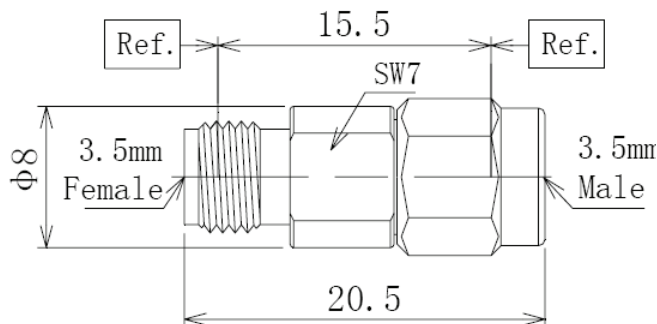
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

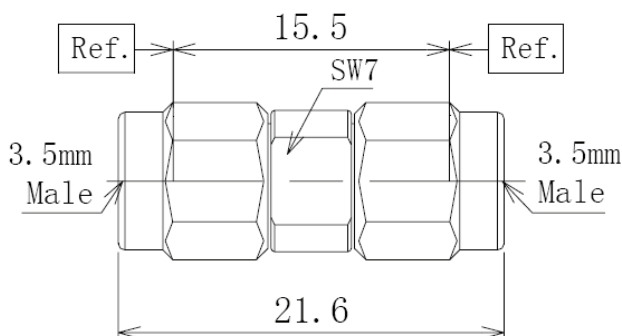
Insulators: PEI



P/N	HPA113-01
Description	3.5mm/Female-3.5mm/Female
VSWR	DC-33GHz...1.15:1 max



P/N	HPA113-02
Description	3.5mm/Female-3.5mm/Male
VSWR	DC-33GHz...1.15:1 max



P/N	HPA113-03
Description	3.5mm/Male-3.5mm/Male
VSWR	DC-33GHz...1.15:1 max

2.92mm In-Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-40GHz

Durability: 500 cycles

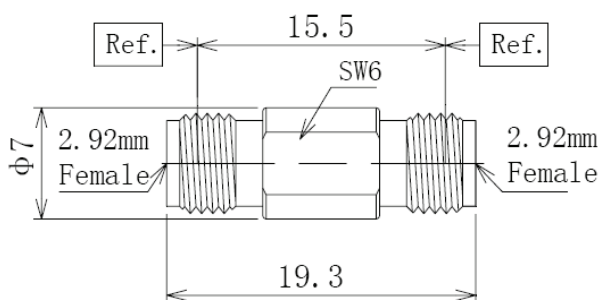
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

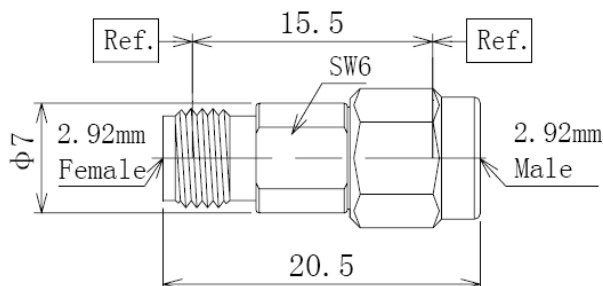
Housing: Type 303 Stainless Steel- Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

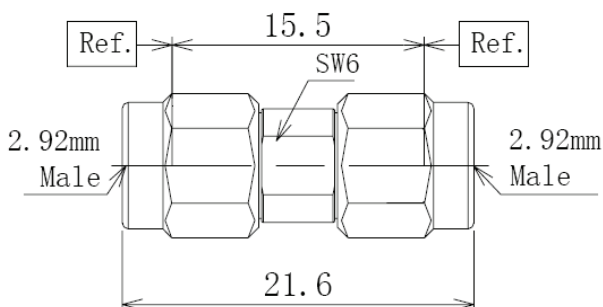
Insulators: PEI



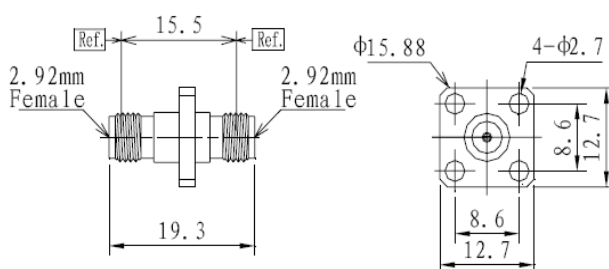
P/N	HPA114-01
Description	2.92mm/Female-2.92mm/Female
VSWR	DC-40GHz...1.20:1 max



P/N	HPA114-02
Description	2.92mm/Male-2.92mm/Female
VSWR	DC-40GHz...1.20:1 max



P/N	HPA114-03
Description	2.92mm/Male-2.92mm/Male
VSWR	DC-40GHz...1.20:1 max



P/N	HPA114-04
Description	2.92mm/Female-2.92mm/Female
VSWR	DC-40GHz...1.20:1 max

2.4mm In-Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-50GHz

Durability: 500cycles

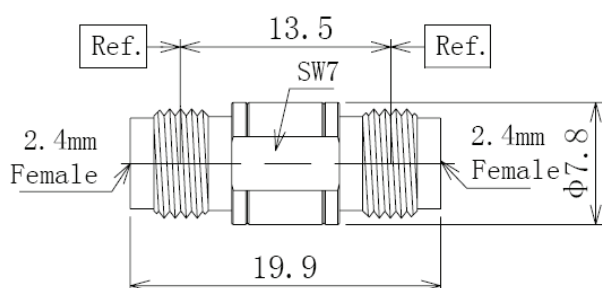
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

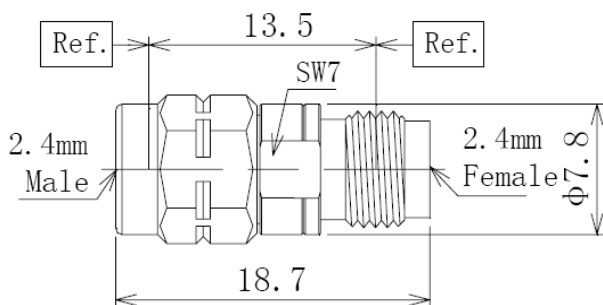
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

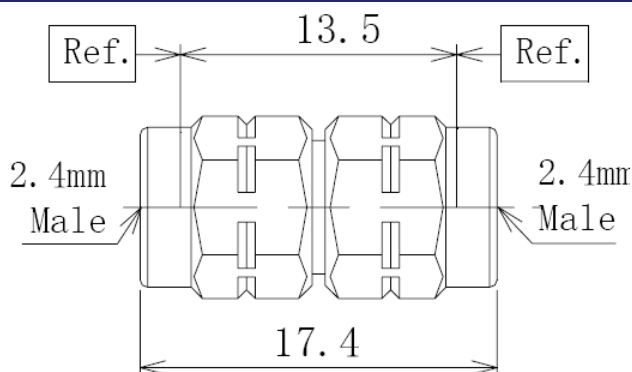
Insulators: PEI



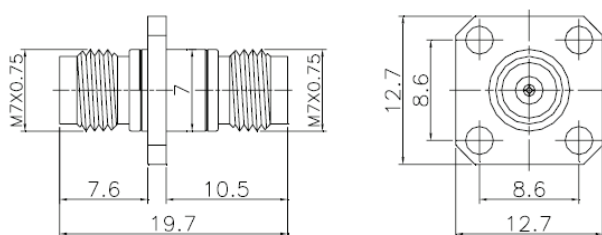
P/N	HPA115-01
Description	2.4mm/Female-2.4mm/Female
VSWR	DC-50GHz...1.20:1 max



P/N	HPA115-02
Description	2.4mm/Male-2.4mm/Female
VSWR	DC-50GHz...1.20:1 max



P/N	HPA115-03
Description	2.4mm/Male-2.4mm/Male
VSWR	DC-50GHz...1.20:1 max



P/N	HPA115-04
Description	2.4mm/Female-2.4mm/Female
VSWR	DC-50GHz...1.20:1 max

N-3.5mm Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-18GHz

Durability: 500cycles

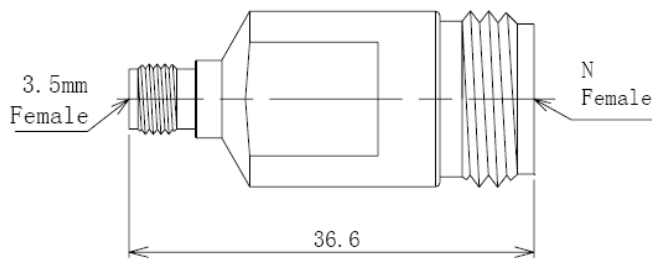
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

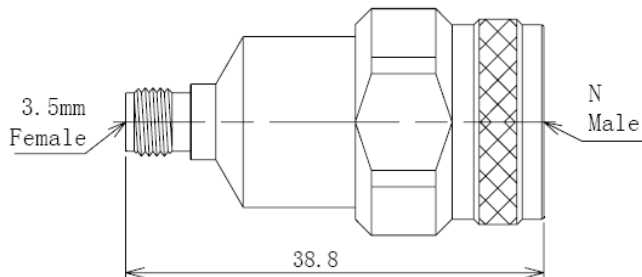
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

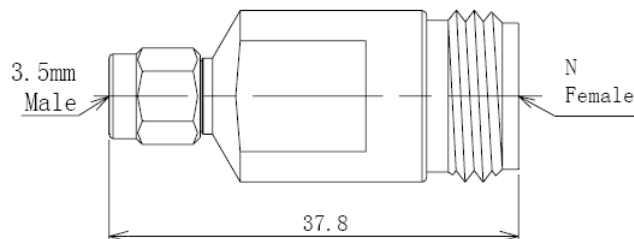
Insulators: PEI



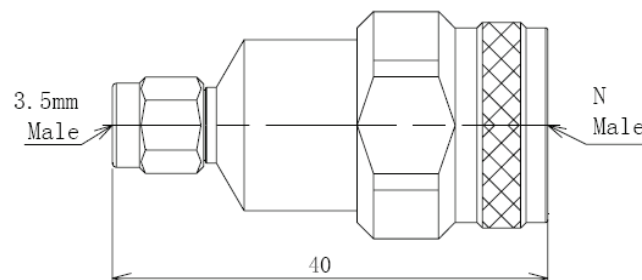
P/N	HPA121-01
Description	N/Female-3.5mm/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA121-02
Description	N/Male-3.5mm/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA121-03
Description	N/Female-3.5mm/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA121-04
Description	N/Male-3.5mm/Male
VSWR	DC-18GHz...1.15:1 max

N-2.92mm Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-18GHz

Durability: 500cycles

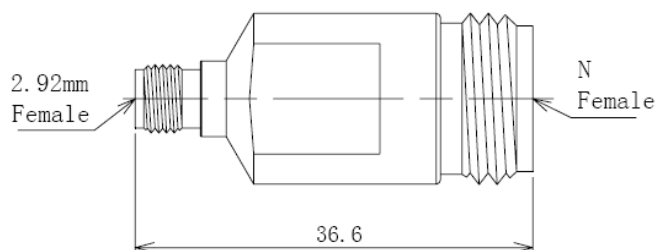
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

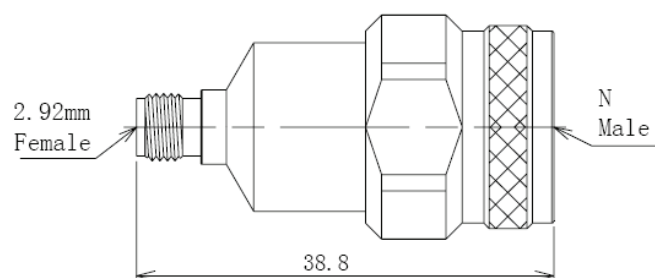
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

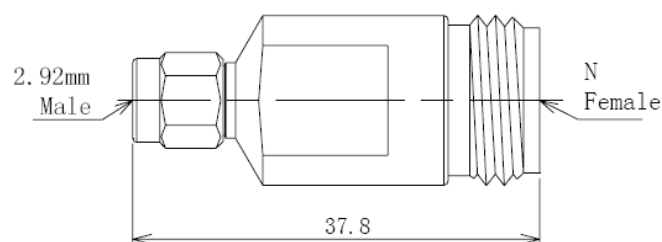
Insulators: PEI



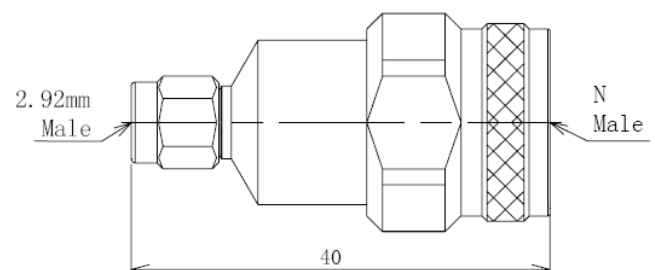
P/N	HPA122-01
Description	N/Female-2.92mm/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA122-02
Description	N/Male-2.92mm/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA122-03
Description	N/Female-2.92mm/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA122-04
Description	N/Male-2.92mm/Male
VSWR	DC-18GHz...1.15:1 max

N-2.4mm Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-18GHz

Durability: 500cycles

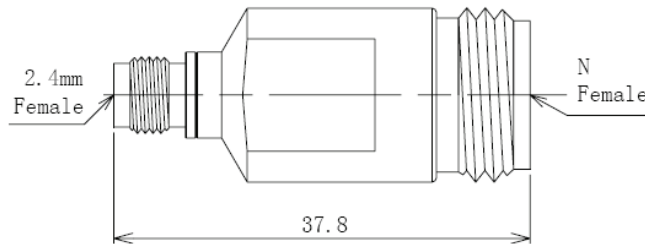
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

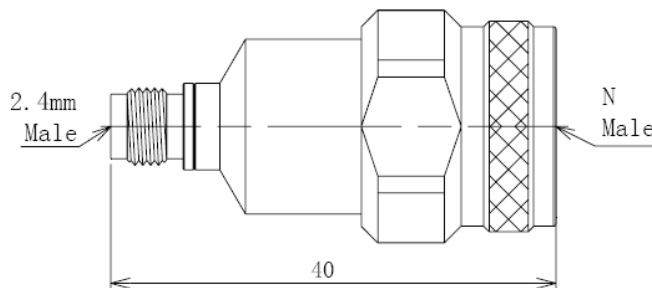
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

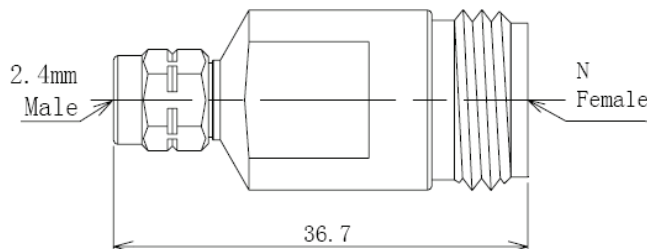
Insulators: PEI



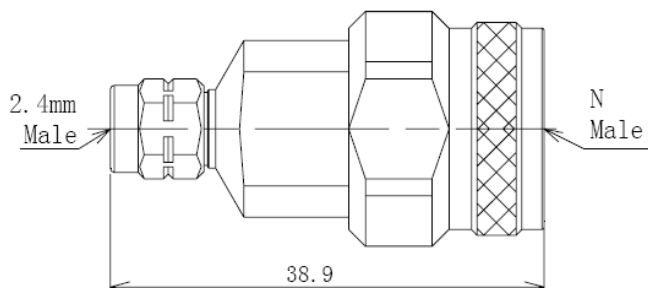
P/N	HPA123-01
Description	N/Female-2.4mm/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA123-02
Description	N/Male-2.4mm/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA123-03
Description	N/Female-2.4mm/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA123-04
Description	N/Male-2.4mm/Male
VSWR	DC-18GHz...1.15:1 max

N-TNC Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-18GHz

Durability: 500cycles

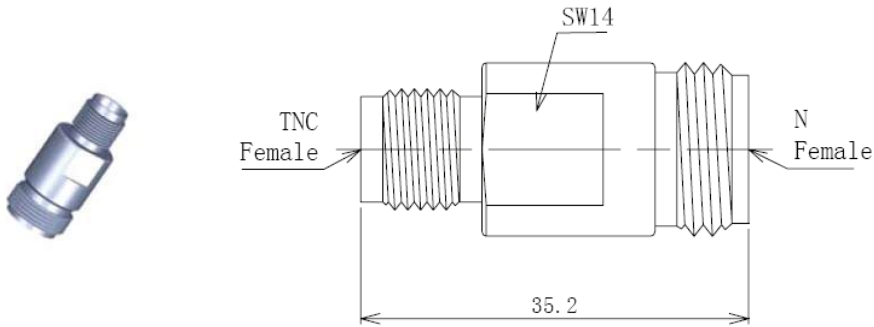
Operating Temperature: -50°C ~ +125°C

Materials/Finishes

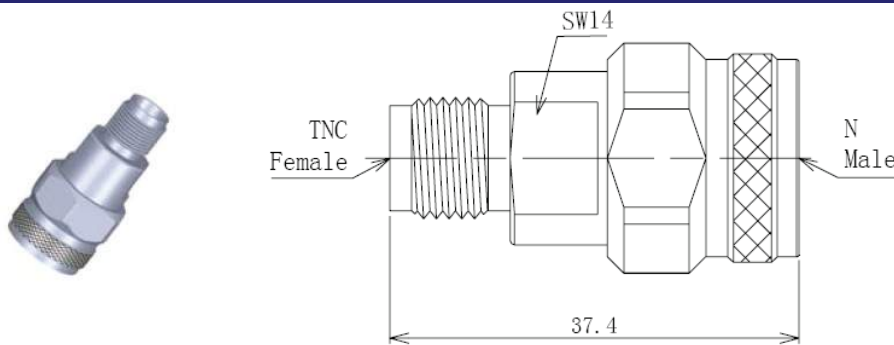
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

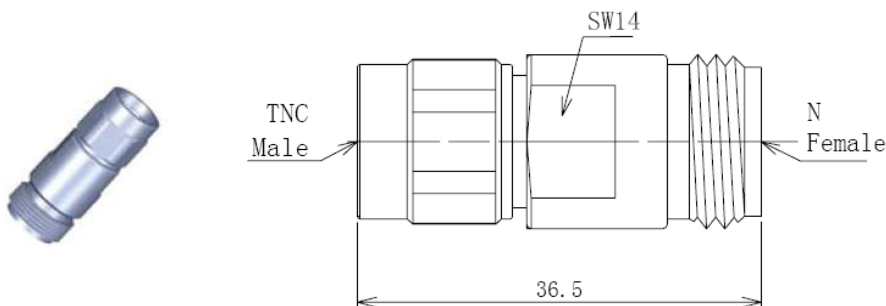
Insulators: PEI & PTFE



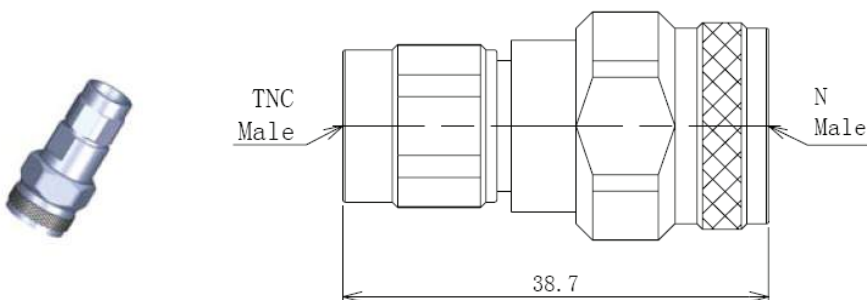
P/N	HPA124-01
Description	N/Female-TNC/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA124-02
Description	N/Male-TNC/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA124-03
Description	N/Female-TNC/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA124-04
Description	N/Male-TNC/Male
VSWR	DC-18GHz...1.15:1 max

N-SMA Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-18GHz

Durability: 500cycles

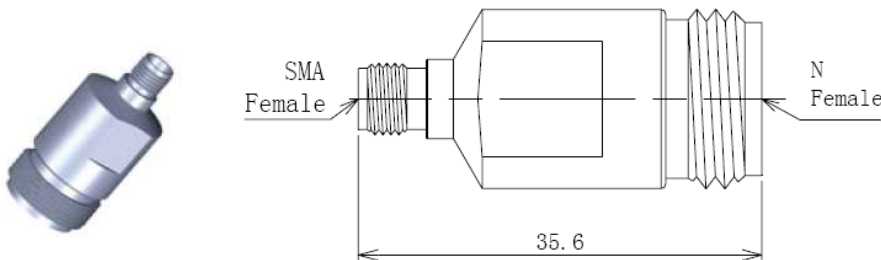
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

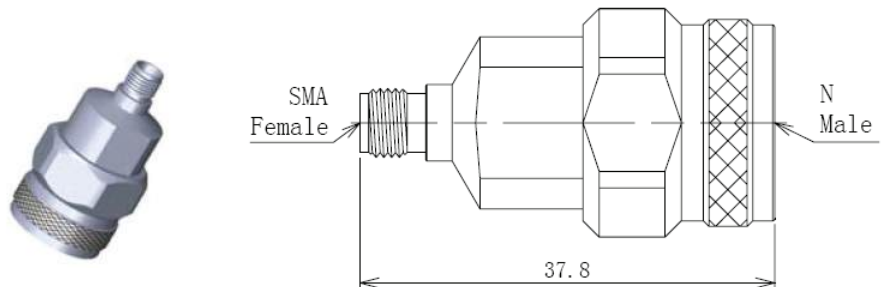
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

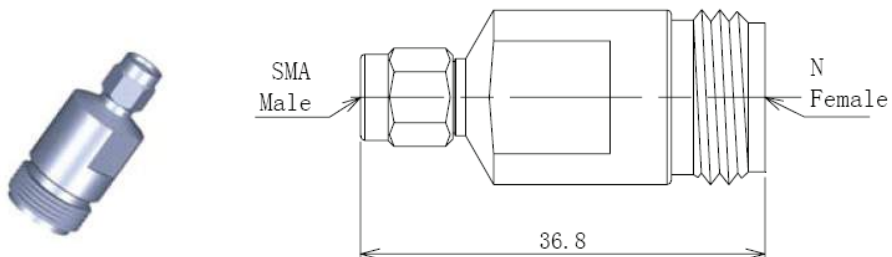
Insulators: PEI & PTFE



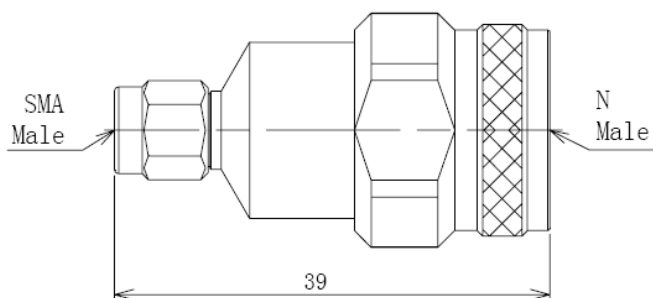
P/N	HPA125-01
Description	N/Female-SMA/Female
VSWR	DC-18GHz...1.15:1 max



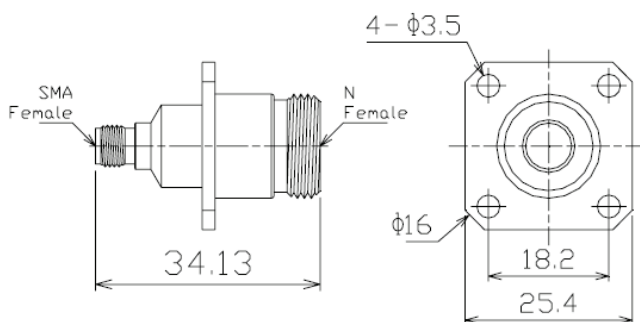
P/N	HPA125-02
Description	N/Male-SMA/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA125-03
Description	N/Female-SMA/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA125-04
Description	N/Male-SMA/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA125-05
Description	N/Female-SMA/Female
VSWR	DC-18GHz...1.15:1 max

3.5mm-2.92mm Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-33GHz

Durability: 500cycles

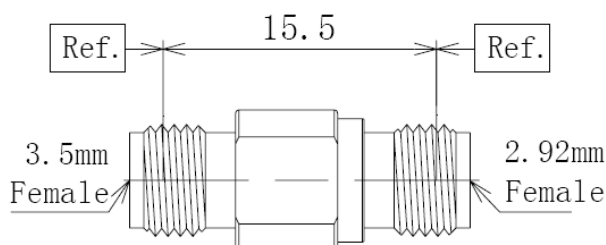
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

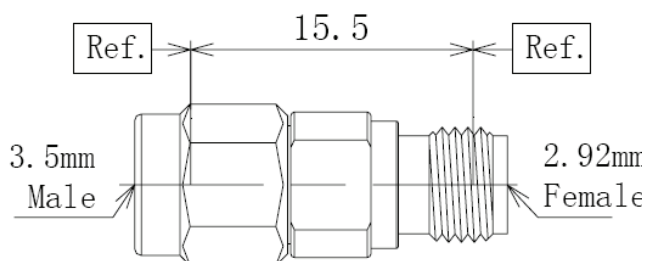
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

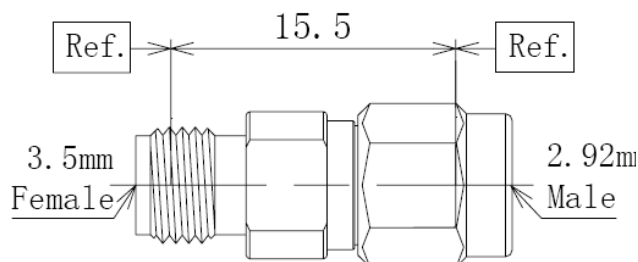
Insulators: PEI



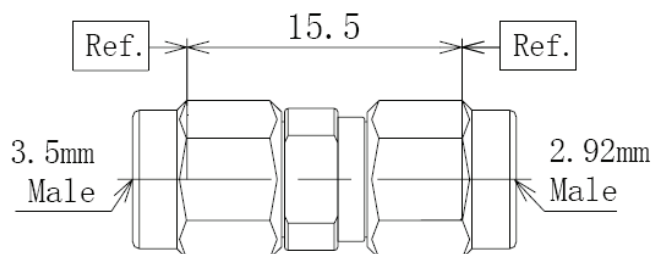
P/N	HPA131-01
Description	3.5mm/Female-2.92mm/Female
VSWR	DC-33GHz...1.15:1 max



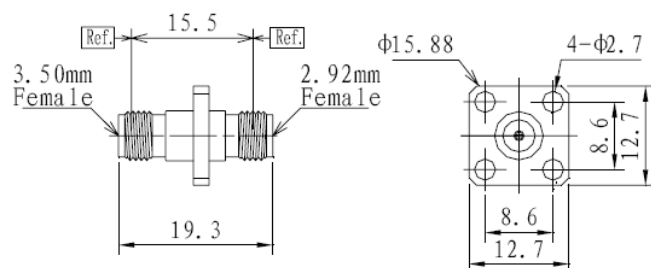
P/N	HPA131-02
Description	3.5mm/Male-2.92mm/Female
VSWR	DC-33GHz...1.15:1 max



P/N	HPA131-03
Description	3.5mm/Female-2.92mm/Male
VSWR	DC-33GHz...1.15:1 max



P/N	HPA131-04
Description	3.5mm/Male-2.92mm/Male
VSWR	DC-33GHz...1.15:1 max



P/N	HPA131-05
Description	3.5mm/Female-2.92mm/Female
VSWR	DC-33GHz...1.15:1 max

3.5mm-2.4mm Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-33GHz

Durability: 500cycles

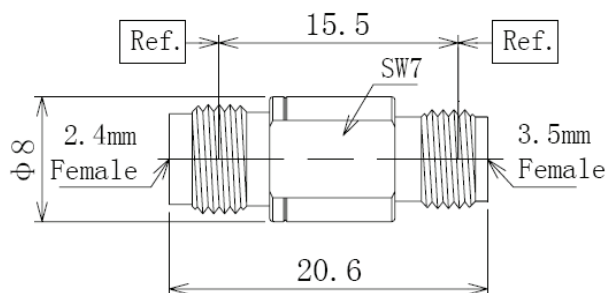
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

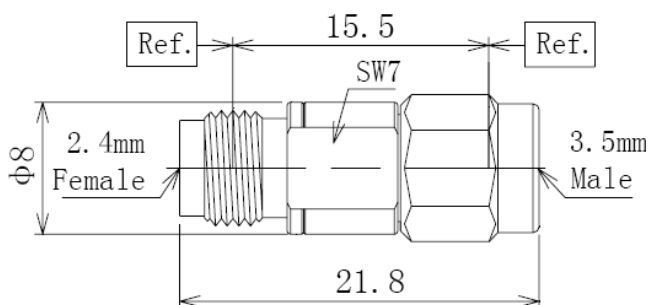
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

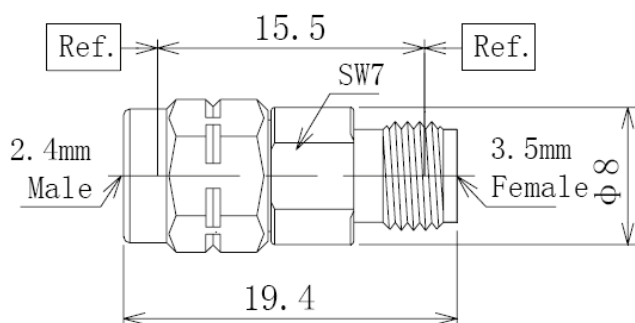
Insulators: PEI



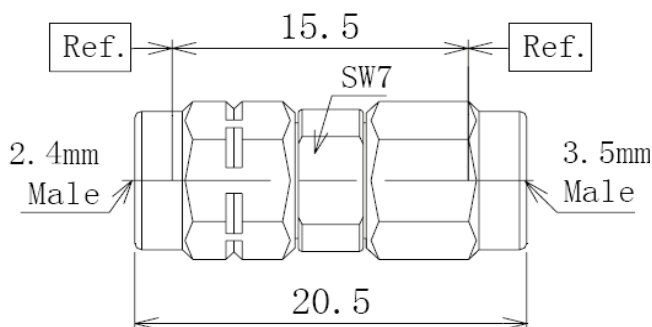
P/N	HPA132-01
Description	3.5mm/Female-2.4mm/Female
VSWR	DC-33GHz...1.15:1 max



P/N	HPA132-02
Description	3.5mm/Male-2.4mm/Female
VSWR	DC-33GHz...1.15:1 max



P/N	HPA132-03
Description	3.5mm/Female-2.4mm/Male
VSWR	DC-33GHz...1.15:1 max



P/N	HPA132-04
Description	3.5mm/Male-2.4mm/Male
VSWR	DC-33GHz...1.15:1 max

2.92mm-2.4mm Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-40GHz

Durability: 500cycles

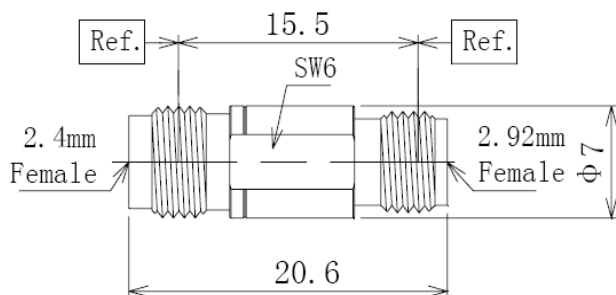
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

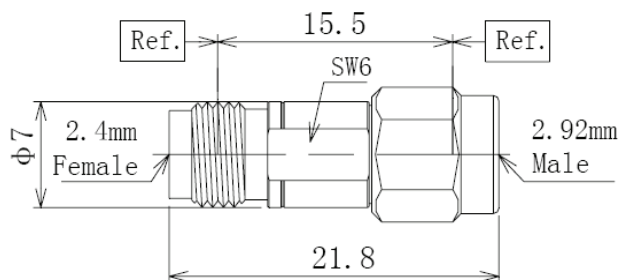
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

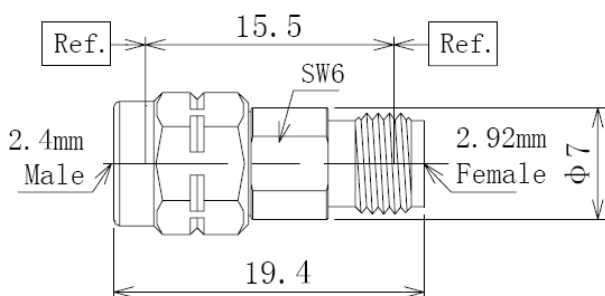
Insulators: PEI



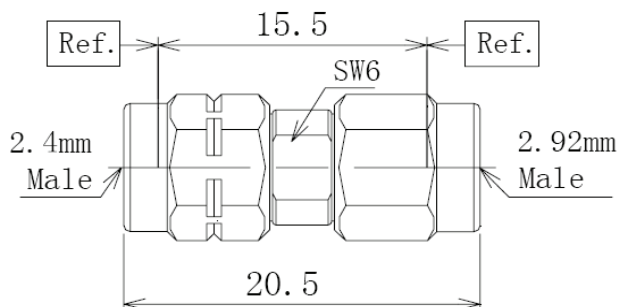
P/N	HPA151-01
Description	2.92mm/Female-2.4mm/Female
VSWR	DC-40GHz...1.20:1 max



P/N	HPA151-02
Description	2.92mm/Male-2.4mm/Female
VSWR	DC-40GHz...1.20:1 max



P/N	HPA151-03
Description	2.92mm/Female-2.4mm/Male
VSWR	DC-40GHz...1.20:1 max



P/N	HPA151-04
Description	2.92mm/Male-2.4mm/Male
VSWR	DC-40GHz...1.20:1 max

2.92mm-SMA Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-27GHz

Durability: 500cycles

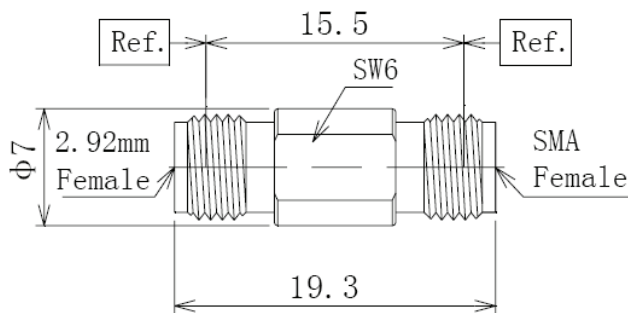
Operating Temperature: -50°C ~ +125°C

Materials/Finishes

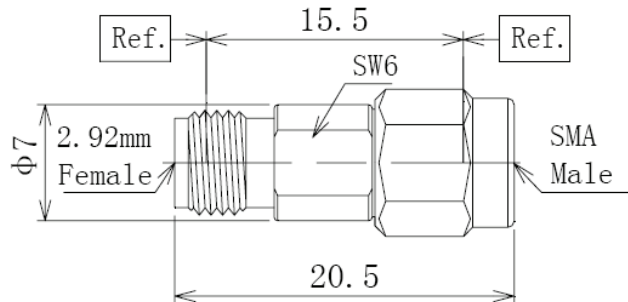
Housing: Type 303 Stainless Steel – Passivated

Center Contact: Beryllium Copper Plated Gold

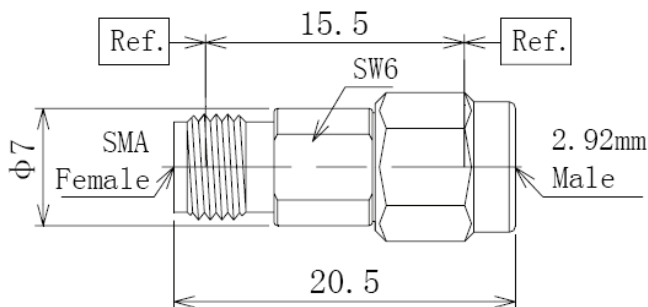
Insulators: PEI & PTFE



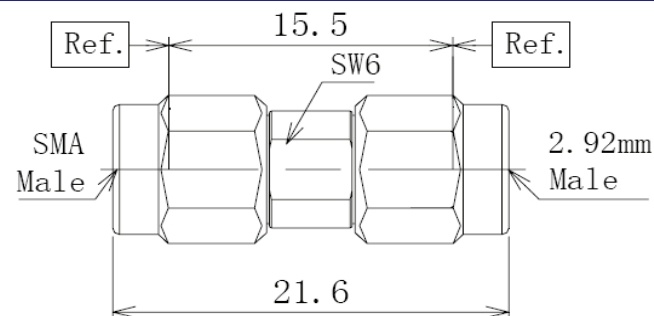
P/N	HPA152-01
Description	2.92mm/Female-SMA/Female
VSWR	DC-27GHz...1.15:1 max



P/N	HPA152-02
Description	2.92mm/Male-SMA/Female
VSWR	DC-27GHz...1.15:1 max



P/N	HPA152-03
Description	2.92mm/Female-SMA/Male
VSWR	DC-27GHz...1.15:1 max



P/N	HPA152-04
Description	2.92mm/Male-SMA/Male
VSWR	DC-27GHz...1.15:1 max

2.4mm-SMA Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-27GHz

Durability: 500cycles

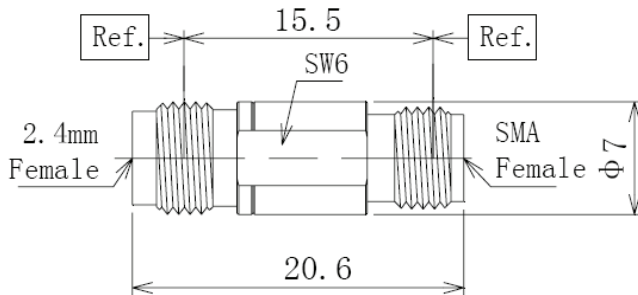
Operating Temperature: -50°C ~ +125°C

Materials/Finishes

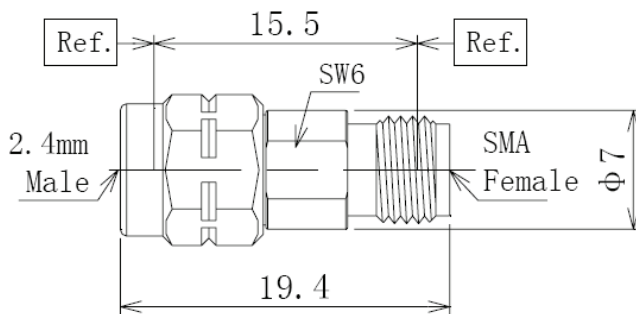
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

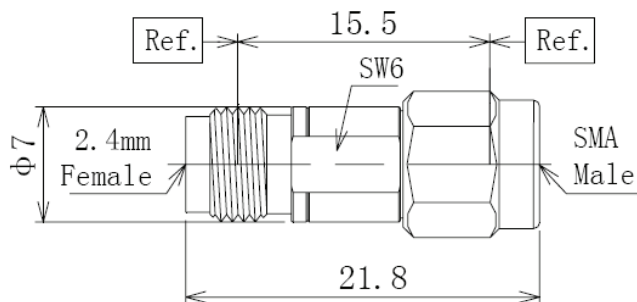
Insulators: PEI & PTFE



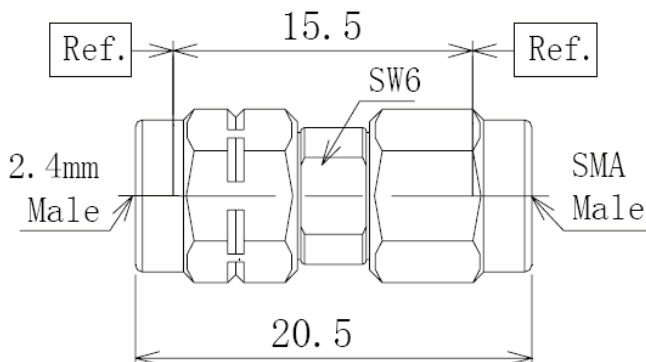
P/N	HPA161-01
Description	2.4mm/Female-SMA/Female
VSWR	DC-27GHz...1.15:1 max



P/N	HPA161-02
Description	2.4mm/Male-SMA/Female
VSWR	DC-27GHz...1.15:1 max



P/N	HPA161-03
Description	2.4mm/Female-SMA/Male
VSWR	DC-27GHz...1.15:1 max



P/N	HPA161-04
Description	2.4mm/Male-SMA/Male
VSWR	DC-27GHz...1.15:1 max

TNC-SMA Between Series Adapters

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-18GHz

Durability: 500cycles

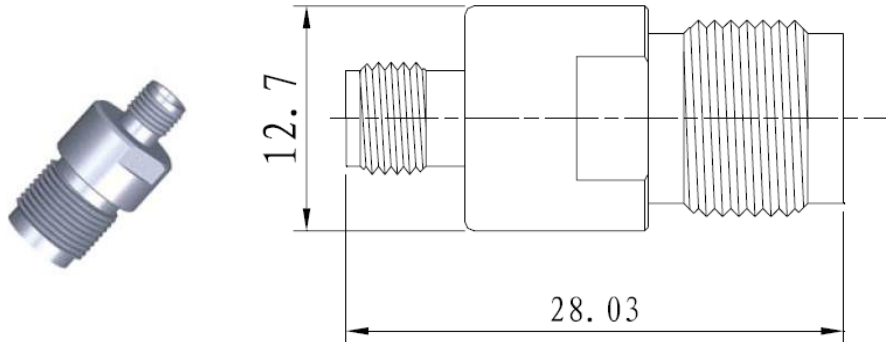
Operating Temperature: -50°C ~ +125°C

Materials/Finishes

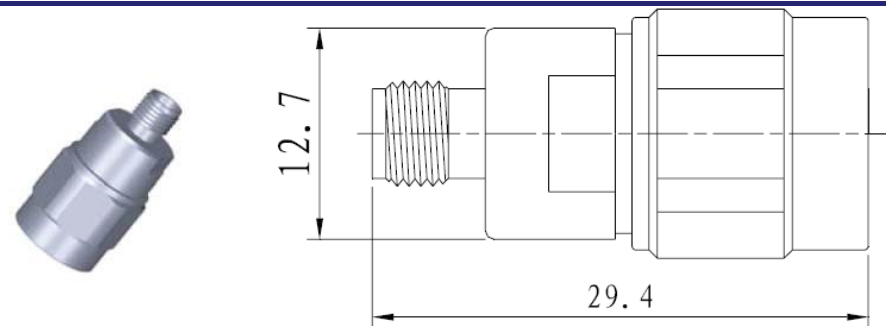
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

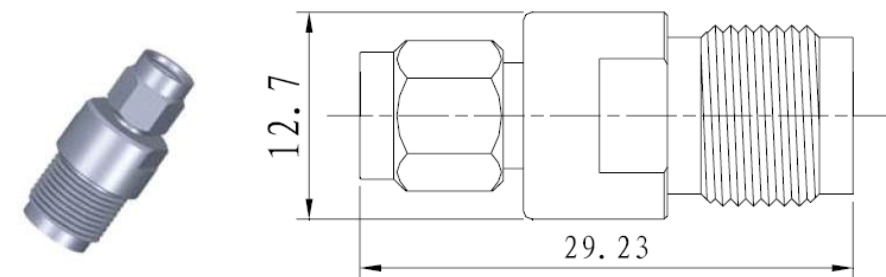
Insulators: PEI & PTFE



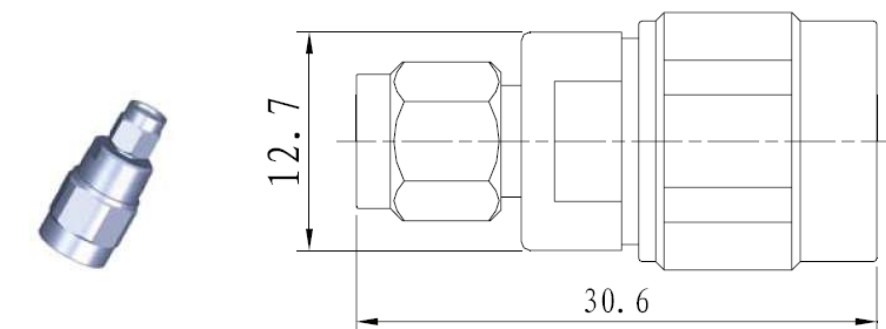
P/N	HPA171-01
Description	TNC/Female-SMA/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA171-02
Description	TNC/Male-SMA/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA171-03
Description	TNC/Female-SMA/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA171-04
Description	TNC/Male-SMA/Male
VSWR	DC-18GHz...1.15:1 max

7mm Series Adapters

Performance Features

Nominal Impedance: 50ohm

Durability: 500cycles

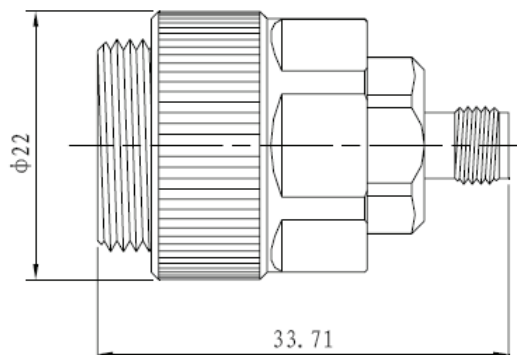
Operating Temperature: -60°C ~ +165°C

Materials/Finishes

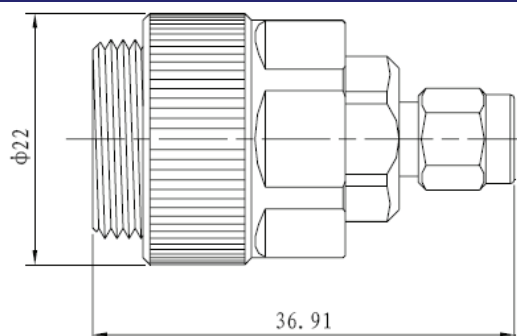
Housing: Type 303 Stainless Steel – Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

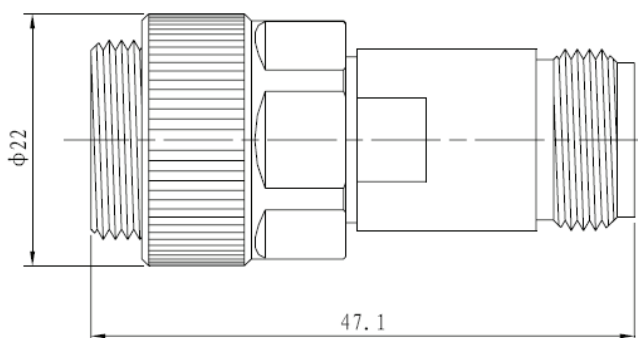
Insulators: PEI



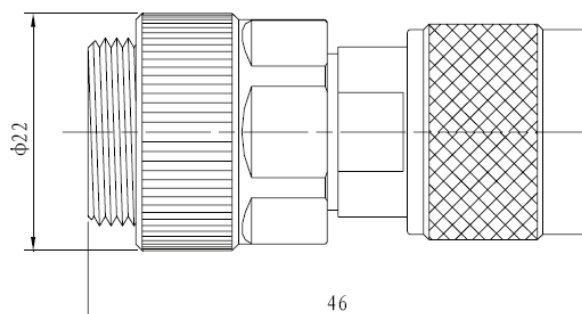
P/N	HPA181-01
Description	7mm-3.5mm/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA181-02
Description	7mm-3.5mm/Male
VSWR	DC-18GHz...1.15:1 max



P/N	HPA181-03
Description	7mm-N/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA181-04
Description	7mm-N/Male
VSWR	DC-18GHz...1.15:1 max

Quick Replacement Adapters

Performance Features

Nominal Impedance: 50ohm

Durability: 500cycles

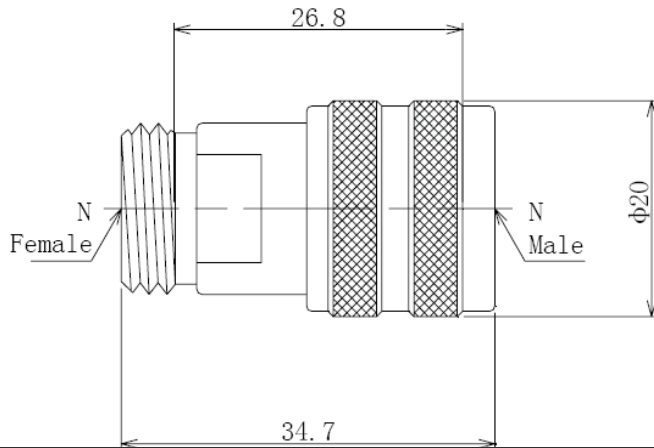
Operating Temperature: -50°C ~ +125°C

Materials/Finishes

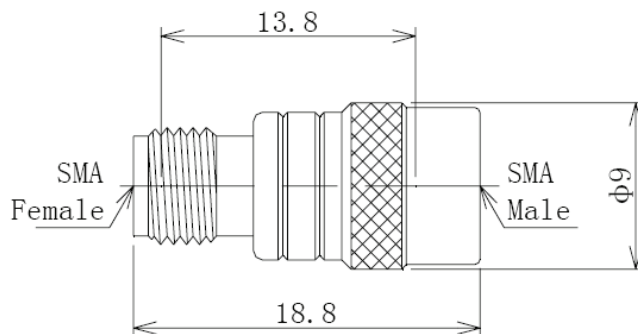
Housing: Type 303 Stainless Steel-Polished & Passivated

Center Contact: Beryllium Copper Plated Gold

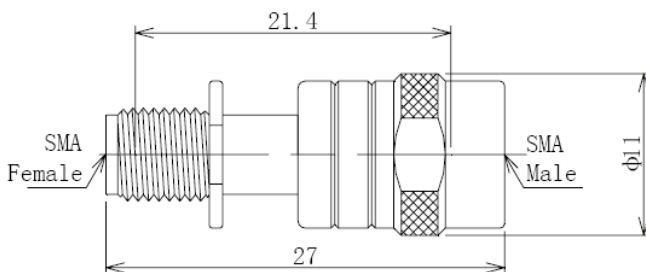
Insulators: PEI & PTFE



P/N	HPA191-01
Description	N/Male-N/Female
VSWR	DC-18GHz...1.15:1 max



P/N	HPA191-02
Description	SMA/Male-SMA/Female
VSWR	DC-27GHz...1.20:1 max



P/N	HPA191-03
Description	SMA/Male-SMA/Female
VSWR	DC-27GHz...1.25:1 max

Adapter Kits

3.5mm Adapter Kits P/N S35			
P/N	Description	Page	Quantity
HPA113-01	3.5mm/Female-3.5mm/Female	40	2
HPA113-02	3.5mm/Male-3.5mm/Female	40	2
HPA113-03	3.5mm/Male-3.5mm/Male	40	2
HPA131-01	3.5mm/Female-2.92mm/Female	49	2
HPA131-02	3.5mm/Male-2.92mm/Female	49	2
HPA131-03	3.5mm/Female-2.92mm/Male	49	2
HPA131-04	3.5mm/Male-2.92mm/Male	49	2
HPA121-01	3.5mm/Female-N/Female	43	2
HPA121-02	3.5mm/Male-N/Female	43	2
HPA121-03	3.5mm/Female-N/Male	43	2
HPA121-04	3.5mm/Male-N/Male	43	2
-	Torque Wrench	-	2

2.92mm Adapter Kits P/N S36			
P/N	Description	Page	Quantity
HPA114-01	2.92mm/Female-2.92/Female	41	2
HPA114-02	2.92mm/Male-2.92mm/Female	41	2
HPA114-03	2.92mm/Male-2.92mm/Male	41	2
HPA131-01	2.92mm/Female-3.5mm/Female	49	2
HPA131-02	2.92mm/Male-3.5mm/Female	49	2
HPA131-03	2.92mm/Female-3.5mm/Male	49	2
HPA131-04	2.92mm/Male-3.5mm/Male	49	2
HPA151-01	2.92mm/Female-2.4mm/Female	52	2
HPA151-02	2.92mm/Male-2.4mm/Female	52	2
HPA151-03	2.92mm/Female-2.4mm/Male	52	2
HPA151-04	2.92mm/Male-2.4mm/Male	52	2
HPA152-01	2.92mm/Female-SMA/Female	53	2
HPA152-02	2.92mm/Male-SMA/Female	53	2
HPA152-03	2.92mm/Female-SMA/Male	53	2
HPA152-04	2.92mm/Male-SMA/Male	53	2
HPA122-01	2.92mm/Female-N/Female	44	2
HPA122-02	2.92mm/Male-N/Female	44	2
HPA122-03	2.92mm/Female-N/Male	44	2
HPA122-04	2.92mm/Male-N/Male	44	2
-	Torque Wrench	-	2

2.4mm Adapter Kits P/N S37			
P/N	Description	Page	Quantity
HPA115-01	2.4mm/Female-2.4mm/Female	42	2
HPA115-02	2.4mm/Male-2.4mm/Female	42	2
HPA115-03	2.4mm/Male-2.4mm/Male	42	2
HPA132-01	2.4mm/Female-3.5mm/Female	51	2
HPA132-02	2.4mm/Male-3.5mm/Female	51	2
HPA132-03	2.4mm/Female-3.5mm/Male	51	2
HPA132-04	2.4mm/Male-3.5mm/Male	51	2
HPA151-01	2.4mm/Female-2.92mm/Female	52	2
HPA151-02	2.4mm/Male-2.92mm/Female	52	2
HPA151-03	2.4mm/Female-2.92mm/Male	52	2
HPA151-04	2.4mm/Male-2.92mm/Male	52	2
HPA161-01	2.4mm/Female-SMA/Female	54	2
HPA161-02	2.4mm/Male-SMA/Female	54	2
HPA161-03	2.4mm/Female-SMA/Male	54	2
HPA161-04	2.4mm/Male-SMA/Male	54	2
HPA123-01	2.4mm/Female-N/Female	45	2
HPA123-02	2.4mm/Male-N/Female	45	2
HPA123-03	2.4mm/Female-N/Male	45	2
HPA123-04	2.4mm/Male-N/Male	45	2
-	Torque Wrench	-	2

Coaxial Termination

Standard Termination Series

P/N	HPT501
Description	N Type (Male)
Frequency Range	DC-12GHz
VSWR	1.15:1 (max)
Power Handling	2W (33dBm)

P/N	HPT502
Description	N Type (Female)
Frequency Range	DC-12GHz
VSWR	1.15:1 (max)
Power Handling	2W (33dBm)

P/N	HPT101
Description	SMA (Male)
Frequency Range	DC-18GHz
VSWR	1.15:1 (max)
Power Handling	2W (33dBm)

P/N	HPT102
Description	SMA(Female)
Frequency Range	DC-18GHz
VSWR	1.15:1 (max)
Power Handling	2W (33dBm)

Precision Termination Series

P/N	HPP561
Description	N Type(Male)
Frequency Range	DC-18GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

P/N	HPP562
Description	N Type(Female)
Frequency Range	DC-18GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

P/N	HPP161
Description	SMA(Male)
Frequency Range	DC-27GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

P/N	HPP162
Description	SMA(Female)
Frequency Range	DC-27GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

P/N	HPP761
Description	3.5mm(Male)
Frequency Range	DC-33GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

P/N	HPP762
Description	3.5mm(Female)
Frequency Range	DC-33GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

P/N	HPP361
Description	2.92mm(Male)
Frequency Range	DC-40GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

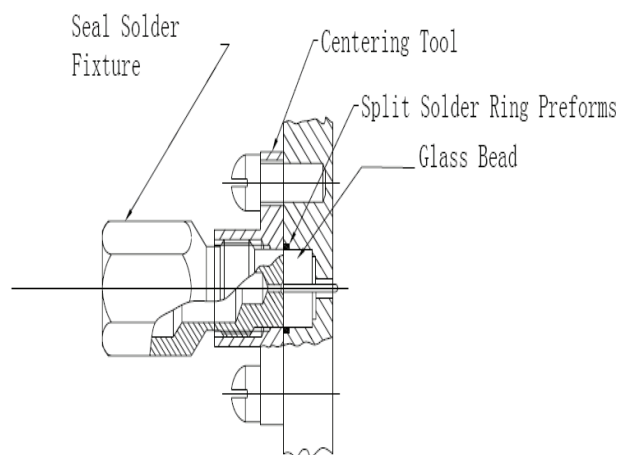
P/N	HPP362
Description	2.92mm(Female)
Frequency Range	DC-40GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

P/N	HPP461
Description	2.4mm(Male)
Frequency Range	DC-50GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

P/N	HPP462
Description	2.4mm(Female)
Frequency Range	DC-50GHz
VSWR	1.15:1 (Max)
Power Handling	2W(33dBm)

Tools

Glass Bead Installation Tools---Flange Connector



Seal Solder Fixture



Centering Tool

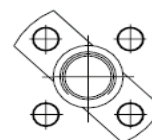
Seal Solder Fixture

P/N	HPL122
Hole Distance	12.2mm

P/N	HPL102
Hole Distance	10.2mm

P/N	HPL090
Hole Distance	0.9mm

P/N	HPL086
Hole Distance	0.86mm



(1)



(2)

Centering Tool

P/N	HPL212
For Pin Dia	0.012inch (0.30mm)

P/N	HPL215
For Pin Dia	0.015inch (0.38mm)

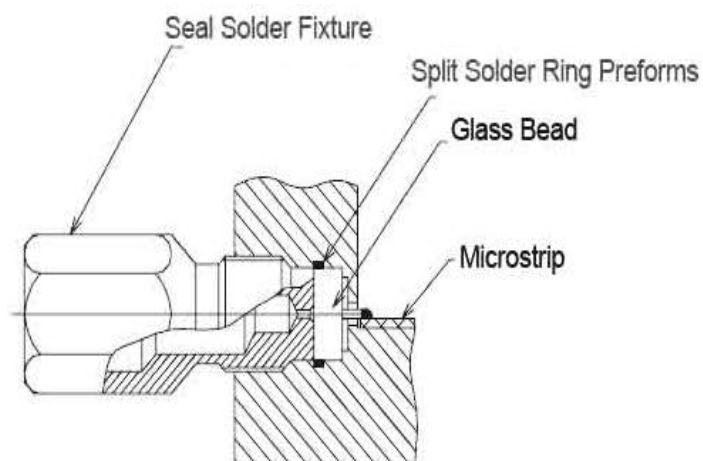
P/N	HPL218
For Pin Dia	0.018inch (0.46mm)

P/N	HPL220
For Pin Dia	0.020inch (0.51mm)

P/N	HPL228
For Pin Dia	0.028inch (0.72mm)

P/N	HPL236
For Pin Dia	0.036inch (0.91mm)

Glass Bead Installation Tools --- Thread – In Connector



Centering Tool

P/N	HPL312
For Pin Dia	0.012inch/0.30mm

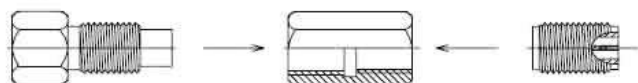
P/N	HPL315
For Pin Dia	0.015inch/0.38mm

P/N	HPL318
For Pin Dia	0.018inch/0.46mm

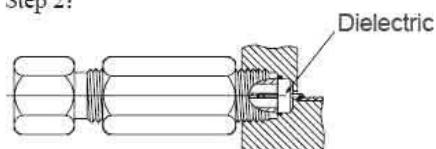
P/N	HPL320
For Pin Dia	0.020inch/0.51mm

Thread-In Connector Installation Tools

Step 1:



Step 2:



P/N	HPL400
Description	Installation Tools

Torque Wrench

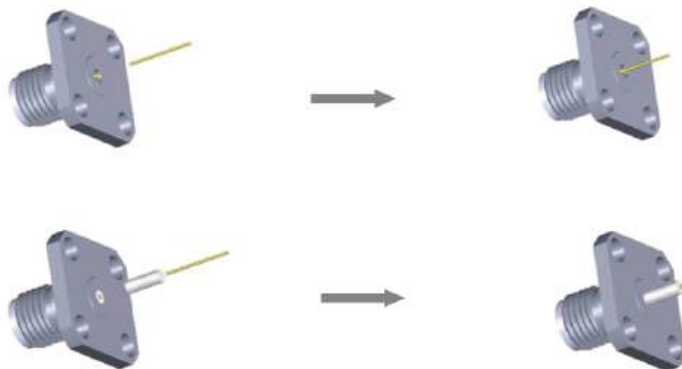
P/N	HPL555
Be fit for	SMA\2.92mm\3.5mm\2.4mm

P/N	HPL534
Be fit for	N Type

P/N	HPL554
Be fit for	TNC Type

Parts

Application Outline



Dia.	P/N	L	P/N	L
0.30mm	HPN1012	6.5mm	HPN1112	7.5mm
0.38mm	HPN1015	6.5mm	HPN1115	7.5mm
0.46mm	HPN1018	6.5mm	HPN1118	7.5mm
0.51mm	HPN1020	6.5mm	HPN1120	7.5mm
0.91mm	HPN1036	7.7mm	HPN1136	8.7mm



Dia.	P/N	L	P/N	L
0.46mm	HPN2018	6.5mm	HPN2118	7.5mm
0.51mm	HPN2020	6.5mm	HPN2120	7.5mm
0.91mm	HPN2036	7.7mm	HPN2136	8.7mm



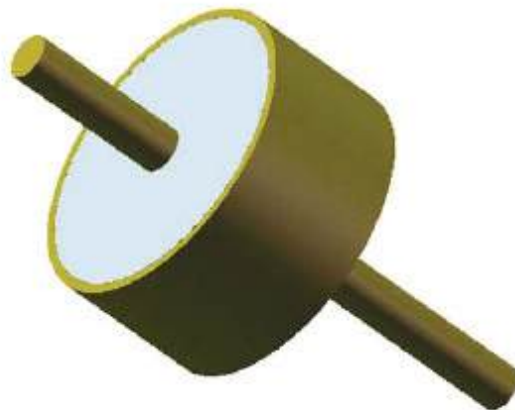
Dia.	P/N
0.46mm	HPN3018
0.51mm	HPN3020
0.91mm	HPN3036



To fit Pin Dia.	P/N	L	P/N	L
0.30mm	HPN4012	3	HPN4112	4
0.38mm	HPN4015	3	HPN4115	4
0.46mm	HPN4018	3	HPN4118	4
0.51mm	HPN4020	3	HPN4120	4
0.91mm	HPN4036	3	HPN4136	4



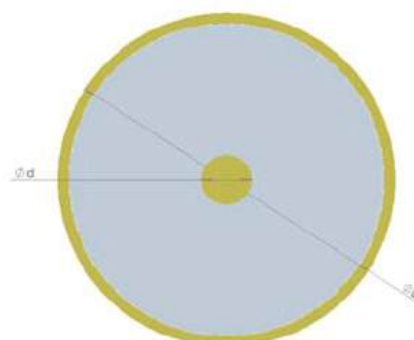
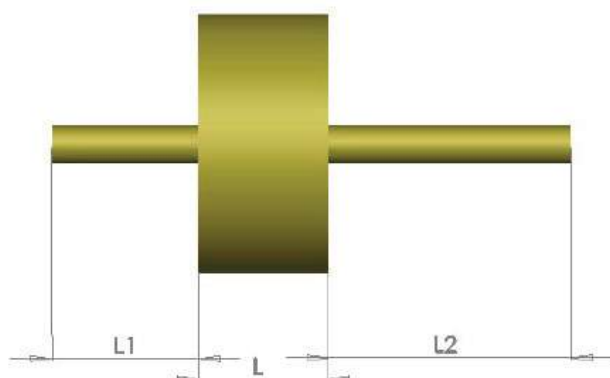
Glass Beads



PIN Type

	Radius(RD)
	Nail Head(NH)
	Angled(AN)

	Straight Cut(ST)
	Flattened(FL)
	Cone(CN)



P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-1386	Straight	0.068	0.055	0.009	RD	0.026	ST	0.075
HPG-1557	Straight	0.068	0.055	0.009	RD	0.026	ST	0.029
HPG-1672	Straight	0.068	0.14	0.009	RD	0.024	ST	0.035
HPG-903	Straight	0.068	0.14	0.009	RD	0.026	ST	0.031
HPG-959	Straight	0.068	0.14	0.009	RD	0.07	ST	0.25
HPG-1028	Straight	0.068	0.14	0.009	ST	0.135	ST	0.13
HPG-1518	Straight	0.068	0.055	0.009	ST	0.078	ST	0.078
HPG-1662	Straight	0.068	0.055	0.009	ST	0.078	ST	0.15
HPG-1668	Straight	0.068	0.055	0.009	ST	0.031	ST	0.037
HPG-1702	Straight	0.068	0.055	0.009	ST	0.038	ST	0.038
HPG-823	Straight	0.068	0.055	0.009	ST	0.05	ST	0.05
HPG-884	Straight	0.068	0.055	0.009	ST	0.014	ST	0.046
HPG-885	Straight	0.068	0.055	0.009	ST	0.014	ST	0.079
HPG-807	Straight	0.076	0.055	0.012	AN	0.022	ST	0.09
HPG-875	Straight	0.076	0.055	0.012	AN	0.042	ST	0.05
HPG-1462	Straight	0.076	0.062	0.012	FL	0.06	ST	0.35
HPG-1778	Straight	0.076	0.055	0.012	FL	0.08	RD	0.06
HPG-497	Flange	0.119	0.072	0.012	RD	0.04	ST	0.239
HPG-940	Flange	0.119	0.072	0.012	RD	0.041	ST	0.032
HPG-050	Straight	0.076	0.069	0.012	RD	0.072	RD	0.18
HPG-106	Straight	0.098	0.062	0.012	RD	0.072	RD	0.18
HPG-1065	Straight	0.076	0.055	0.012	RD	0.029	RD	0.041
HPG-1084	Straight	0.076	0.062	0.012	RD	0.06	ST	0.081
HPG-1101	Straight	0.076	0.062	0.012	RD	0.07	ST	0.16
HPG-1101-01	Straight	0.076	0.062	0.012	RD	0.07	ST	0.21
HPG-1101-02	Straight	0.076	0.062	0.012	RD	0.05	ST	0.033
HPG-1134	Straight	0.076	0.16	0.012	RD	0.05	ST	0.5
HPG-1151	Straight	0.076	0.12	0.012	RD	0.055	ST	0.038
HPG-1169	Straight	0.098	0.062	0.012	RD	0.072	ST	0.225
HPG-1195	Straight	0.076	0.055	0.012	RD	0.035	RD	0.33
HPG-1205-01	Straight	0.076	0.055	0.012	RD	0.04	ST	0.04
HPG-1205-07	Straight	0.076	0.055	0.012	RD	0.03	ST	0.11
HPG-1205-08	Straight	0.076	0.055	0.012	RD	0.07	ST	0.16
HPG-1225	Straight	0.076	0.055	0.012	RD	0.065	ST	0.07
HPG-1236	Straight	0.076	0.055	0.012	RD	0.017	RD	0.041
HPG-1287	Straight	0.076	0.062	0.012	RD	0.1	ST	0.25
HPG-1305	Straight	0.076	0.055	0.012	RD	0.029	ST	0.115
HPG-1363-01	Straight	0.076	0.055	0.012	RD	0.09	ST	0.03
HPG-1363-02	Straight	0.076	0.055	0.012	RD	0.04	ST	0.16
HPG-1363-03	Straight	0.076	0.055	0.012	RD	0.04	ST	0.19
HPG-1363-04	Straight	0.076	0.055	0.012	RD	0.075	ST	0.11
HPG-1363-06	Straight	0.076	0.055	0.012	RD	0.123	ST	0.083
HPG-1363-07	Straight	0.076	0.055	0.012	RD	0.04	ST	0.08
HPG-1363-08	Straight	0.076	0.055	0.012	RD	0.04	ST	0.027
HPG-1365-03	Straight	0.076	0.069	0.012	RD	0.065	ST	0.03
HPG-1365-04	Straight	0.076	0.069	0.012	RD	0.233	ST	0.06
HPG-1371	Straight	0.076	0.055	0.012	RD	0.075	ST	0.075
HPG-1378	Straight	0.076	0.055	0.012	RD	0.05	ST	0.11
HPG-1384	Straight	0.098	0.062	0.012	RD	0.072	ST	0.07
HPG-1385	Straight	0.076	0.055	0.012	RD	0.029	RD	0.16
HPG-1396	Straight	0.076	0.094	0.012	RD	0.041	ST	0.049
HPG-1406	Straight	0.076	0.14	0.012	RD	0.075	ST	0.033

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-1409	Straight	0.076	0.055	0.012	RD	0.041	ST	0.049
HPG-1410-01	Straight	0.076	0.055	0.012	RD	0.052	RD	0.089
HPG-1410-02	Straight	0.076	0.055	0.012	RD	0.052	RD	0.083
HPG-1410-03	Straight	0.076	0.055	0.012	RD	0.06	RD	0.06
HPG-1410-04	Straight	0.076	0.055	0.012	RD	0.047	RD	0.125
HPG-1410-05	Straight	0.076	0.055	0.012	RD	0.038	RD	0.042
HPG-1410-06	Straight	0.076	0.055	0.012	RD	0.04	RD	0.04
HPG-1410-07	Straight	0.076	0.055	0.012	RD	0.04	RD	0.08
HPG-1410-08	Straight	0.076	0.055	0.012	RD	0.029	RD	0.059
HPG-1410-09	Straight	0.076	0.055	0.012	RD	0.025	RD	0.075
HPG-1413-03	Straight	0.076	0.055	0.012	RD	0.05	ST	0.17
HPG-1413-04	Straight	0.076	0.055	0.012	RD	0.285	ST	0.015
HPG-1473-01	Straight	0.076	0.055	0.012	RD	0.03	ST	0.04
HPG-1473-02	Straight	0.076	0.055	0.012	RD	0.03	ST	0.275
HPG-1473-03	Straight	0.076	0.055	0.012	RD	0.041	ST	0.079
HPG-1473-04	Straight	0.076	0.055	0.012	RD	0.12	ST	0.027
HPG-1473-05	Straight	0.076	0.055	0.012	RD	0.07	ST	0.07
HPG-1473-06	Straight	0.076	0.055	0.012	RD	0.16	ST	0.086
HPG-1473-07	Straight	0.076	0.055	0.012	RD	0.066	ST	0.082
HPG-1473-08	Straight	0.076	0.055	0.012	RD	0.14	ST	0.04
HPG-1473-09	Straight	0.076	0.055	0.012	RD	0.07	ST	0.083
HPG-1491	Straight	0.076	0.055	0.012	RD	0.06	ST	0.055
HPG-150	Straight	0.076	0.055	0.012	RD	0.041	RD	0.079
HPG-1502	Straight	0.076	0.055	0.012	RD	0.06	RD	0.055
HPG-1503	Straight	0.076	0.055	0.012	RD	0.041	ST	0.06
HPG-1510	Straight	0.076	0.12	0.012	RD	0.07	ST	0.047
HPG-1558	Straight	0.076	0.075	0.012	RD	0.04	ST	0.17
HPG-1586	Straight	0.076	0.055	0.012	RD	0.072	ST	0.186
HPG-1600	Straight	0.076	0.069	0.012	RD	0.03	RD	0.075
HPG-1614	Straight	0.076	0.055	0.012	RD	0.038	RD	0.085
HPG-1631	Straight	0.076	0.055	0.012	RD	0.04	ST	0.125
HPG-1637	Straight	0.076	0.168	0.012	RD	0.068	ST	0.03
HPG-1660	Straight	0.076	0.055	0.012	RD	0.05	RD	0.06
HPG-1664	Straight	0.076	0.176	0.012	RD	0.07	ST	0.03
HPG-1676	Straight	0.076	0.12	0.012	RD	0.05	ST	0.056
HPG-1682	Straight	0.098	0.062	0.012	RD	0.1	ST	0.23
HPG-1717	Straight	0.076	0.055	0.012	RD	0.038	RD	0.08
HPG-1740	Straight	0.076	0.069	0.012	RD	0.05	ST	0.15
HPG-1773	Straight	0.098	0.062	0.012	RD	0.072	ST	0.18
HPG-1803	Straight	0.076	0.168	0.012	RD	0.07	ST	0.18
HPG-1834	Straight	0.076	0.075	0.012	RD	0.041	ST	0.18
HPG-1882	Straight	0.076	0.075	0.012	RD	0.047	ST	0.061
HPG-1889	Straight	0.076	0.069	0.012	RD	0.06	RD	0.06
HPG-228	Straight	0.076	0.062	0.012	RD	0.072	RD	0.18
HPG-229	Straight	0.098	0.125	0.012	RD	0.072	ST	0.18
HPG-230	Straight	0.098	0.145	0.012	RD	0.072	ST	0.18
HPG-233	Straight	0.098	0.062	0.012	RD	0.07	RD	0.11
HPG-247	Straight	0.076	0.069	0.012	RD	0.055	RD	0.18
HPG-296	Straight	0.076	0.062	0.012	RD	0.065	ST	0.128
HPG-322-01	Straight	0.076	0.055	0.012	RD	0.041	ST	0.2
HPG-322-02	Straight	0.076	0.055	0.012	RD	0.041	ST	0.6

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-322-03	Straight	0.076	0.055	0.012	RD	0.041	ST	0.012
HPG-322-04	Straight	0.076	0.055	0.012	RD	0.041	ST	0.4
HPG-327	Straight	0.076	0.075	0.012	RD	0.05	ST	0.07
HPG-345-01	Straight	0.076	0.055	0.012	RD	0.041	ST	0.19
HPG-345-02	Straight	0.076	0.055	0.012	RD	0.041	ST	0.24
HPG-434	Straight	0.076	0.16	0.012	RD	0.065	ST	0.085
HPG-452	Straight	0.076	0.055	0.012	RD	0.105	ST	0.135
HPG-476	Straight	0.076	0.055	0.012	RD	0.079	ST	0.041
HPG-482	Straight	0.076	0.069	0.012	RD	0.086	RD	0.086
HPG-487-01	Straight	0.076	0.055	0.012	RD	0.05	RD	0.096
HPG-487-02	Straight	0.076	0.055	0.012	RD	0.05	RD	0.085
HPG-487-03	Straight	0.076	0.055	0.012	RD	0.05	RD	0.07
HPG-487-04	Straight	0.076	0.055	0.012	RD	0.05	RD	0.05
HPG-490	Straight	0.076	0.055	0.012	RD	0.041	ST	0.049
HPG-522	Straight	0.076	0.055	0.012	RD	0.04	ST	0.08
HPG-533	Straight	0.076	0.069	0.012	RD	0.068	ST	0.125
HPG-582-01	Straight	0.076	0.062	0.012	RD	0.1	ST	0.105
HPG-582-02	Straight	0.076	0.062	0.012	RD	0.1	ST	0.094
HPG-582-03	Straight	0.076	0.062	0.012	RD	0.1	ST	0.25
HPG-582-04	Straight	0.076	0.062	0.012	RD	0.068	ST	0.059
HPG-609	Straight	0.098	0.062	0.012	RD	0.055	RD	0.072
HPG-618	Straight	0.076	0.055	0.012	RD	0.041	ST	0.15
HPG-654	Straight	0.076	0.055	0.012	RD	0.034	RD	0.041
HPG-662	Straight	0.076	0.062	0.012	RD	0.05	ST	0.105
HPG-671	Straight	0.076	0.069	0.012	RD	0.035	ST	0.06
HPG-675	Straight	0.076	0.069	0.012	RD	0.067	RD	0.123
HPG-678	Straight	0.076	0.055	0.012	RD	0.041	ST	0.037
HPG-687	Straight	0.076	0.075	0.012	RD	0.1	ST	0.076
HPG-703	Straight	0.076	0.069	0.012	RD	0.04	ST	0.15
HPG-802	Straight	0.098	0.062	0.012	RD	0.072	RD	0.072
HPG-835	Straight	0.098	0.062	0.012	RD	0.076	ST	0.148
HPG-888	Straight	0.076	0.055	0.012	RD	0.04	ST	0.18
HPG-910	Straight	0.098	0.062	0.012	RD	0.05	RD	0.072
HPG-946	Straight	0.076	0.062	0.012	RD	0.07	ST	0.156
HPG-951	Straight	0.076	0.055	0.012	RD	0.04	ST	0.236
HPG-953	Straight	0.076	0.055	0.012	RD	0.072	ST	0.18
HPG-955	Straight	0.076	0.055	0.012	RD	0.214	ST	0.1
HPG-048	Straight	0.076	0.04	0.012	ST	0.025	ST	0.16
HPG-055	Straight	0.098	0.062	0.012	ST	0.125	ST	0.25
HPG-062-01	Straight	0.076	0.055	0.012	ST	0.03	ST	0.128
HPG-062-02	Straight	0.076	0.055	0.012	ST	0.017	ST	0.14
HPG-062-03	Straight	0.076	0.055	0.012	ST	0.017	ST	0.22
HPG-062-04	Straight	0.076	0.055	0.012	ST	0.03	ST	0.14
HPG-1044	Straight	0.076	0.12	0.012	ST	0.04	ST	0.04
HPG-1056	Straight	0.076	0.055	0.012	ST	0.029	ST	0.041
HPG-1058	Straight	0.076	0.069	0.012	ST	0.055	ST	0.18
HPG-1069	Straight	0.098	0.09	0.012	ST	0.072	ST	0.18
HPG-1086	Straight	0.076	0.055	0.012	ST	0.03	ST	0.216
HPG-1091	Straight	0.076	0.069	0.012	ST	0.014	ST	0.085
HPG-1105	Straight	0.076	0.16	0.012	ST	0.05	ST	0.5
HPG-111-01	Straight	0.076	0.069	0.012	ST	0.012	ST	0.15

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-111-02	Straight	0.076	0.055	0.012	ST	0.012	ST	0.15
HPG-111-03	Straight	0.076	0.055	0.012	ST	0.025	ST	0.15
HPG-111-04	Straight	0.076	0.069	0.012	ST	0.025	ST	0.15
HPG-111-05	Straight	0.076	0.16	0.012	ST	0.025	ST	0.15
HPG-111-07	Straight	0.076	0.055	0.012	ST	0.012	ST	0.037
HPG-1111	Straight	0.076	0.062	0.012	ST	0.08	ST	0.2
HPG-1128	Straight	0.076	0.055	0.012	ST	0.051	ST	0.084
HPG-1143	Straight	0.076	0.04	0.012	ST	0.095	ST	0.095
HPG-1152	Straight	0.098	0.062	0.012	ST	0.065	ST	0.21
HPG-1161-06	Straight	0.098	0.075	0.012	ST	0.11	ST	0.11
HPG-1161-05	Straight	0.098	0.075	0.012	ST	0.105	ST	0.105
HPG-1161-04	Straight	0.098	0.075	0.012	ST	0.1	ST	0.1
HPG-1161-03	Straight	0.098	0.075	0.012	ST	0.12	ST	0.12
HPG-1161-02	Straight	0.098	0.075	0.012	ST	0.115	ST	0.115
HPG-1161-01	Straight	0.098	0.075	0.012	ST	0.125	ST	0.125
HPG-1171	Straight	0.076	0.055	0.012	ST	0.032	ST	0.31
HPG-1176	Straight	0.076	0.062	0.012	ST	0.05	ST	0.05
HPG-1182	Straight	0.098	0.075	0.012	ST	0.09	ST	0.2
HPG-1205-02	Straight	0.076	0.055	0.012	ST	0.075	ST	0.065
HPG-1205-03	Straight	0.076	0.055	0.012	ST	0.045	ST	0.095
HPG-1205-04	Straight	0.076	0.055	0.012	ST	0.04	ST	0.095
HPG-1205-05	Straight	0.076	0.055	0.012	ST	0.04	ST	0.265
HPG-1205-09	Straight	0.076	0.055	0.012	ST	0.02	ST	0.09
HPG-1233	Straight	0.076	0.055	0.012	ST	0.015	ST	0.09
HPG-1249	Straight	0.076	0.055	0.012	ST	0.028	ST	0.215
HPG-1300	Straight	0.076	0.04	0.012	ST	0.02	ST	0.025
HPG-1327	Straight	0.076	0.055	0.012	ST	0.1	ST	0.5
HPG-1327	Straight	0.076	0.055	0.012	ST	0.1	ST	0.5
HPG-1332	Straight	0.076	0.36	0.012	ST	0.022	ST	0.022
HPG-1335	Straight	0.076	0.055	0.012	ST	0.045	ST	0.055
HPG-1360-01	Straight	0.076	0.075	0.012	ST	0.1	ST	0.08
HPG-1360-02	Straight	0.076	0.075	0.012	ST	0.095	ST	0.085
HPG-1360-03	Straight	0.076	0.075	0.012	ST	0.06	ST	0.08
HPG-1360-04	Straight	0.076	0.075	0.012	ST	0.06	ST	0.075
HPG-1373-02	Straight	0.076	0.055	0.012	ST	0.04	ST	0.091
HPG-1373-03	Straight	0.076	0.055	0.012	ST	0.085	ST	0.092
HPG-1373-04	Straight	0.076	0.055	0.012	ST	0.04	ST	0.2
HPG-1373-05	Straight	0.076	0.055	0.012	ST	0.03	ST	0.04
HPG-1373-06	Straight	0.076	0.055	0.012	ST	0.03	ST	0.275
HPG-1373-07	Straight	0.076	0.055	0.012	ST	0.071	ST	0.076
HPG-1373-08	Straight	0.076	0.055	0.012	ST	0.04	ST	0.11
HPG-1373-09	Straight	0.076	0.055	0.012	ST	0.062	ST	0.19
HPG-1373-10	Straight	0.076	0.055	0.012	ST	0.062	ST	0.087
HPG-1373-11	Straight	0.076	0.055	0.012	ST	0.041	ST	0.122
HPG-1373-14	Straight	0.076	0.055	0.012	ST	0.04	ST	0.16

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-1373-15	Straight	0.076	0.055	0.012	ST	0.008	ST	0.15
HPG-1373-16	Straight	0.076	0.055	0.012	ST	0.12	ST	0.5
HPG-1373-17	Straight	0.076	0.055	0.012	ST	0.045	ST	0.045
HPG-1373-18	Straight	0.076	0.055	0.012	ST	0.105	ST	0.11
HPG-1373-19	Straight	0.076	0.055	0.012	ST	0.041	ST	0.143
HPG-1373-20	Straight	0.076	0.055	0.012	ST	0.112	ST	0.3
HPG-1373-21	Straight	0.076	0.055	0.012	ST	0.052	ST	0.089
HPG-1373-22	Straight	0.076	0.055	0.012	ST	0.052	ST	0.055
HPG-1373-23	Straight	0.076	0.055	0.012	ST	0.03	ST	0.205
HPG-1373-24	Straight	0.076	0.055	0.012	ST	0.03	ST	0.406
HPG-1373-25	Straight	0.076	0.055	0.012	ST	0.015	ST	0.047
HPG-1373-26	Straight	0.076	0.055	0.012	ST	0.03	ST	0.166
HPG-1380-01	Straight	0.098	0.075	0.012	ST	0.062	ST	0.09
HPG-1380-02	Straight	0.098	0.075	0.012	ST	0.1	ST	0.11
HPG-1380-03	Straight	0.098	0.075	0.012	ST	0.25	ST	0.25
HPG-1380-04	Straight	0.098	0.075	0.012	ST	0.114	ST	0.116
HPG-1380-05	Straight	0.098	0.075	0.012	ST	0.11	ST	0.2
HPG-1380-05	Straight	0.098	0.075	0.012	ST	0.11	ST	0.2
HPG-1380-06	Straight	0.098	0.075	0.012	ST	0.02	ST	0.11
HPG-1381	Straight	0.076	0.075	0.012	ST	0.065	ST	0.07
HPG-1388	Straight	0.076	0.04	0.012	ST	0.05	ST	0.07
HPG-1445-01	Straight	0.076	0.062	0.012	ST	0.055	ST	0.088
HPG-1445-02	Straight	0.076	0.062	0.012	ST	0.02	ST	0.04
HPG-1445-03	Straight	0.076	0.062	0.012	ST	0.014	ST	0.075
HPG-1446-01	Straight	0.076	0.075	0.012	ST	0.059	ST	0.062
HPG-1446-02	Straight	0.076	0.075	0.012	ST	0.03	ST	0.075
HPG-1446-03	Straight	0.076	0.075	0.012	ST	0.048	ST	0.06
HPG-1446-04	Straight	0.076	0.075	0.012	ST	0.05	ST	0.05
HPG-1446-05	Straight	0.076	0.075	0.012	ST	0.02	ST	0.03
HPG-1446-06	Straight	0.076	0.075	0.012	ST	0.015	ST	0.027
HPG-1457	Straight	0.098	0.062	0.012	ST	0.07	ST	0.4
HPG-146	Straight	0.098	0.062	0.012	ST	0.33	ST	0.33
HPG-1560	Straight	0.076	0.186	0.012	ST	0.075	ST	0.075
HPG-1562	Straight	0.076	0.04	0.012	ST	0.04	ST	0.04
HPG-1572-01	Straight	0.076	0.04	0.012	ST	0.02	ST	0.06
HPG-158	Straight	0.076	0.055	0.012	ST	0.03	ST	0.22
HPG-1590	Straight	0.076	0.186	0.012	ST	0.075	ST	0.075
HPG-1606	Straight	0.098	0.062	0.012	ST	0.12	ST	0.12
HPG-1635	Straight	0.076	0.16	0.012	ST	0.025	ST	0.066
HPG-1658	Straight	0.076	0.075	0.012	ST	0.05	ST	0.13
HPG-166	Straight	0.076	0.075	0.012	ST	0.015	ST	0.015
HPG-1671	Straight	0.076	0.12	0.012	ST	0.04	ST	0.052
HPG-1706	Straight	0.076	0.12	0.012	ST	0.07	ST	0.18
HPG-1706	Straight	0.076	0.12	0.012	ST	0.07	ST	0.18
HPG-1719	Straight	0.098	0.09	0.012	ST	0.045	ST	0.048
HPG-1724	Straight	0.076	0.36	0.012	ST	15	ST	29
HPG-1756-01	Straight	0.076	0.069	0.012	ST	0.125	ST	0.245
HPG-1777	Straight	0.098	0.062	0.012	ST	0.022	ST	0.022
HPG-1780-01	Straight	0.098	0.062	0.012	ST	0.22	ST	0.22
HPG-1798	Straight	0.076	0.12	0.012	ST	0.03	ST	0.036
HPG-182	Straight	0.076	0.04	0.012	ST	0.042	ST	0.09
HPG-1828-01	Straight	0.076	0.14	0.012	ST	0.058	ST	0.108

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-184	Straight	0.076	0.055	0.012	ST	0.06	ST	0.19
HPG-1880	Straight	0.076	0.055	0.012	ST	0.385	BT	0.14
HPG-189	Straight	0.076	0.055	0.012	ST	0.042	ST	0.042
HPG-212	Straight	0.076	0.069	0.012	ST	0.055	ST	0.15
HPG-246	Straight	0.098	0.062	0.012	ST	0.5	ST	0.5
HPG-250	Straight	0.076	0.069	0.012	ST	0.15	ST	0.4
HPG-261	Straight	0.098	0.062	0.012	ST	0.077	ST	0.087
HPG-263	Straight	0.098	0.062	0.012	ST	0.11	ST	0.11
HPG-266	Straight	0.076	0.055	0.012	ST	0.12	ST	0.12
HPG-309	Straight	0.076	0.055	0.012	ST	0.12	ST	0.12
HPG-334	Straight	0.076	0.36	0.012	ST	0.015	ST	0.015
HPG-347	Straight	0.076	0.04	0.012	ST	0.025	ST	0.025
HPG-353	Straight	0.076	0.382	0.012	ST	0.015	ST	0.015
HPG-368	Straight	0.098	0.062	0.012	ST	0.06	FL	0.06
HPG-400	Straight	0.076	0.055	0.012	ST	0.029	ST	0.041
HPG-401	Straight	0.098	0.062	0.012	ST	0.25	ST	0.25
HPG-405	Straight	0.076	0.055	0.012	ST	0.041	ST	0.25
HPG-412	Straight	0.076	0.055	0.012	ST	0.029	ST	0.25
HPG-436	Straight	0.076	0.069	0.012	ST	0.1	ST	0.1
HPG-453-02	Straight	0.098	0.062	0.012	ST	0.125	ST	0.25
HPG-453-03	Straight	0.098	0.062	0.012	ST	0.25	ST	0.35
HPG-453-05	Straight	0.076	0.04	0.012	ST	0.05	ST	0.11
HPG-461	Straight	0.098	0.04	0.012	ST	0.125	ST	0.15
HPG-462	Straight	0.076	0.04	0.012	ST	0.04	ST	0.04
HPG-466-01	Straight	0.076	0.055	0.012	ST	0.029	ST	0.052
HPG-466-02	Straight	0.076	0.055	0.012	ST	0.029	ST	0.1
HPG-469	Straight	0.076	0.055	0.012	ST	0.1	ST	0.1
HPG-474	Straight	0.098	0.062	0.012	ST	0.05	ST	0.35
HPG-480	Straight	0.076	0.055	0.012	ST	0.024	ST	0.031
HPG-524	Straight	0.098	0.062	0.012	ST	0.125	ST	0.125
HPG-539	Straight	0.076	0.055	0.012	ST	0.03	NT	0.225
HPG-553	Straight	0.076	0.36	0.012	ST	0.05	ST	0.075
HPG-554	Straight	0.098	0.062	0.012	ST	0.075	ST	0.305
HPG-603-01	Straight	0.076	0.069	0.012	ST	0.012	ST	0.15
HPG-603-02	Straight	0.076	0.055	0.012	ST	0.012	ST	0.15
HPG-603-03	Straight	0.076	0.069	0.012	ST	0.02	ST	0.15
HPG-603-04	Straight	0.076	0.04	0.012	ST	0.01	ST	0.15
HPG-603-05	Straight	0.076	0.069	0.012	ST	0.012	ST	0.05
HPG-603-06	Straight	0.076	0.069	0.012	ST	0.012	ST	0.3
HPG-603-07	Straight	0.076	0.069	0.012	ST	0.012	ST	1.1
HPG-603-08	Straight	0.076	0.069	0.012	ST	0.012	ST	0.35
HPG-603-11	Straight	0.076	0.069	0.012	ST	0.012	ST	0.1
HPG-603-12	Straight	0.076	0.055	0.012	ST	0.012	ST	0.1
HPG-603-13	Straight	0.076	0.069	0.012	ST	0.012	ST	0.21
HPG-603-14	Straight	0.076	0.04	0.012	ST	0.07	ST	0.15
HPG-603-15	Straight	0.076	0.04	0.012	ST	0.09	ST	0.15
HPG-603-17	Straight	0.076	0.055	0.012	ST	0.025	ST	0.1
HPG-603-18	Straight	0.076	0.069	0.012	ST	0.07	ST	0.15
HPG-603-19	Straight	0.076	0.069	0.012	ST	0.04	ST	0.15
HPG-603-19	Straight	0.076	0.069	0.012	ST	0.04	ST	0.15
HPG-603-20	Straight	0.076	0.055	0.012	ST	0.012	ST	0.059
HPG-603-21	Straight	0.076	0.055	0.012	ST	0.02	ST	0.15

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-627-01	Straight	0.098	0.125	0.012	ST	0.1	ST	0.1
HPG-627-02	Straight	0.098	0.125	0.012	ST	0.08	ST	0.1
HPG-629	Straight	0.076	0.069	0.012	ST	0.085	ST	0.125
HPG-631	Straight	0.098	0.062	0.012	ST	0.015	ST	1.5
HPG-643	Straight	0.098	0.062	0.012	ST	0.08	ST	0.08
HPG-653	Straight	0.076	0.055	0.012	ST	0.038	ST	0.038
HPG-717	Straight	0.076	0.075	0.012	ST	0.075	ST	0.14
HPG-720	Straight	0.076	0.075	0.012	ST	0.2	ST	0.2
HPG-741	Straight	0.076	0.075	0.012	ST	0.1	ST	0.502
HPG-760	Straight	0.076	0.055	0.012	ST	0.075	ST	0.14
HPG-775	Straight	0.076	0.055	0.012	ST	0.032	NT	0.14
HPG-778	Straight	0.098	0.062	0.012	ST	0.075	ST	0.1
HPG-814	Straight	0.076	0.16	0.012	ST	0.23	ST	0.23
HPG-840	Straight	0.076	0.055	0.012	ST	0.05	ST	0.11
HPG-908	Straight	0.076	0.055	0.012	ST	0.09	ST	0.25
HPG-981	Straight	0.076	0.055	0.012	ST	0.04	ST	0.18
HPG-1062	Straight	0.098	0.062	0.015	AN	0.04	ST	0.07
HPG-1070	Straight	0.098	0.062	0.015	AN	0.05	ST	0.06
HPG-1259	Straight	0.098	0.054	0.015	AN	0.217	ST	0.06
HPG-1267	Straight	0.098	0.054	0.015	AN	0.225	ST	0.05
HPG-1269	Straight	0.098	0.054	0.015	AN	0.04	ST	0.05
HPG-686	Straight	0.098	0.062	0.015	AN	0.022	ST	0.09
HPG-974	Straight	0.098	0.054	0.015	AN	0.043	ST	0.05
HPG-1536	Straight	0.11	0.06	0.015	CN	0.095	ST	0.08
HPG-317	Straight	0.098	0.125	0.015	FL	0.04	ST	0.065
HPG-044-01	Straight	0.098	0.062	0.015	RD	0.1	RD	0.125
HPG-044-02	Straight	0.098	0.062	0.015	RD	0.055	RD	0.113
HPG-044-03	Straight	0.098	0.062	0.015	RD	0.05	RD	0.25
HPG-1015	Straight	0.098	0.062	0.015	RD	0.072	ST	0.105
HPG-1026	Straight	0.098	0.062	0.015	RD	0.05	RD	0.065
HPG-1059	Straight	0.098	0.062	0.015	RD	0.07	RD	0.09
HPG-107	Straight	0.098	0.062	0.015	RD	0.072	RD	0.18
HPG-1072	Straight	0.098	0.062	0.015	RD	0.07	ST	0.04
HPG-1077	Straight	0.119	0.068	0.015	RD	0.2	ST	0.095
HPG-1081	Straight	0.098	0.132	0.015	RD	0.05	RD	0.05
HPG-1092	Straight	0.098	0.062	0.015	RD	0.105	ST	0.06
HPG-1093	Straight	0.098	0.125	0.015	RD	0.072	ST	0.032
HPG-1114-01	Straight	0.098	0.062	0.015	RD	0.055	ST	0.295
HPG-1114-02	Straight	0.098	0.062	0.015	RD	0.055	ST	0.061
HPG-1114-03	Straight	0.098	0.062	0.015	RD	0.055	ST	0.188
HPG-1114-04	Straight	0.098	0.062	0.015	RD	0.055	ST	0.206
HPG-1114-05	Straight	0.098	0.062	0.015	RD	0.055	ST	0.047
HPG-1114-06	Straight	0.098	0.062	0.015	RD	0.055	ST	0.063
HPG-1114-07	Straight	0.098	0.062	0.015	RD	0.055	ST	0.092
HPG-1114-08	Straight	0.098	0.062	0.015	RD	0.055	ST	0.112
HPG-1114-09	Straight	0.098	0.062	0.015	RD	0.055	ST	0.068
HPG-1114-10	Straight	0.098	0.062	0.015	RD	0.055	ST	0.153
HPG-1114-11	Straight	0.098	0.062	0.015	RD	0.055	ST	0.148
HPG-1114-12	Straight	0.098	0.062	0.015	RD	0.055	ST	0.053
HPG-1114-13	Straight	0.098	0.062	0.015	RD	0.055	ST	0.089
HPG-1114-14	Straight	0.098	0.062	0.015	RD	0.06	ST	0.25
HPG-1114-15	Straight	0.098	0.062	0.015	RD	0.055	ST	0.115

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-1114-06	Straight	0.098	0.062	0.015	RD	0.055	ST	0.063
HPG-1114-07	Straight	0.098	0.062	0.015	RD	0.055	ST	0.092
HPG-1114-08	Straight	0.098	0.062	0.015	RD	0.055	ST	0.112
HPG-1114-09	Straight	0.098	0.062	0.015	RD	0.055	ST	0.068
HPG-1114-10	Straight	0.098	0.062	0.015	RD	0.055	ST	0.153
HPG-1114-11	Straight	0.098	0.062	0.015	RD	0.055	ST	0.148
HPG-1114-12	Straight	0.098	0.062	0.015	RD	0.055	ST	0.053
HPG-1114-13	Straight	0.098	0.062	0.015	RD	0.055	ST	0.089
HPG-1114-14	Straight	0.098	0.062	0.015	RD	0.06	ST	0.25
HPG-1114-15	Straight	0.098	0.062	0.015	RD	0.055	ST	0.115
HPG-1114-17	Straight	0.098	0.062	0.015	RD	0.055	ST	0.04
HPG-1114-18	Straight	0.098	0.062	0.015	RD	0.055	ST	0.075
HPG-1114-19	Straight	0.098	0.062	0.015	RD	0.06	ST	0.08
HPG-1117	Straight	0.098	0.075	0.015	RD	0.05	ST	0.02
HPG-1118	Straight	0.098	0.062	0.015	RD	0.08	RD	0.24
HPG-1178-01	Straight	0.11	0.21	0.015	RD	0.05	ST	0.05
HPG-1178-02	Straight	0.11	0.25	0.015	RD	0.05	ST	0.5
HPG-1184-02	Straight	0.098	0.062	0.015	RD	0.1	FL	0.125
HPG-1184-03	Straight	0.098	0.062	0.015	RD	0.1	FL	0.09
HPG-1193	Straight	0.098	0.062	0.015	RD	0.07	RD	0.113
HPG-1199	Straight	0.098	0.062	0.015	RD	0.07	ST	0.18
HPG-1200	Straight	0.098	0.062	0.015	RD	0.05	ST	0.35
HPG-1203	Straight	0.098	0.062	0.015	RD	0.05	ST	0.035
HPG-1206	Straight	0.098	0.062	0.015	RD	0.05	ST	0.6
HPG-1240-01	Straight	0.098	0.062	0.015	RD	0.07	ST	0.06
HPG-1240-02	Straight	0.098	0.062	0.015	RD	0.07	ST	0.18
HPG-1240-03	Straight	0.098	0.062	0.015	RD	0.05	ST	0.03
HPG-1240-04	Straight	0.098	0.062	0.015	RD	0.165	ST	0.115
HPG-1240-05	Straight	0.098	0.062	0.015	RD	0.07	ST	0.105
HPG-1240-06	Straight	0.098	0.062	0.015	RD	0.07	ST	0.125
HPG-1240-07	Straight	0.098	0.062	0.015	RD	0.07	ST	0.19
HPG-1240-08	Straight	0.098	0.062	0.015	RD	0.07	ST	0.065
HPG-1240-09	Straight	0.098	0.062	0.015	RD	0.07	ST	0.08
HPG-1240-11	Straight	0.098	0.062	0.015	RD	0.035	ST	0.1
HPG-1240-12	Straight	0.098	0.062	0.015	RD	0.06	ST	0.2
HPG-1240-13	Straight	0.098	0.062	0.015	RD	0.07	ST	0.15
HPG-1240-14	Straight	0.098	0.062	0.015	RD	0.075	ST	0.16
HPG-1257	Straight	0.098	0.062	0.015	RD	0.072	RD	0.19
HPG-1240-12	Straight	0.098	0.062	0.015	RD	0.06	ST	0.2
HPG-1240-13	Straight	0.098	0.062	0.015	RD	0.07	ST	0.15
HPG-1240-14	Straight	0.098	0.062	0.015	RD	0.075	ST	0.16
HPG-1257	Straight	0.098	0.062	0.015	RD	0.072	RD	0.19
HPG-1260	Straight	0.098	0.062	0.015	RD	0.07	RD	0.155
HPG-1280-01	Straight	0.098	0.062	0.015	RD	0.06	RD	0.28
HPG-1280-02	Straight	0.098	0.062	0.015	RD	0.065	RD	0.115
HPG-1280-03	Straight	0.098	0.062	0.015	RD	0.065	RD	0.125
HPG-1280-04	Straight	0.098	0.062	0.015	RD	0.035	RD	0.07
HPG-1280-06	Straight	0.098	0.062	0.015	RD	0.1	RD	0.125
HPG-1280-07	Straight	0.098	0.062	0.015	RD	0.072	RD	0.216
HPG-1280-08	Straight	0.098	0.062	0.015	RD	0.1	RD	0.237
HPG-1280-09	Straight	0.098	0.062	0.015	RD	0.075	RD	0.26
HPG-1280-10	Straight	0.098	0.062	0.015	RD	0.07	RD	0.072

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-1280-11	Straight	0.098	0.062	0.015	RD	0.055	RD	0.107
HPG-1280-14	Straight	0.098	0.062	0.015	RD	0.025	RD	0.11
HPG-131	Straight	0.098	0.062	0.015	RD	0.05	RD	0.2
HPG-1320	Straight	0.098	0.062	0.015	RD	0.06	ST	0.04
HPG-1347	Straight	0.098	0.062	0.015	RD	0.09	ST	0.25
HPG-1414-03	Straight	0.098	0.062	0.015	RD	0.09	ST	0.132
HPG-1414-04	Straight	0.098	0.062	0.015	RD	0.072	ST	0.216
HPG-1414-05	Straight	0.098	0.062	0.015	RD	0.062	ST	0.06
HPG-1414-06	Straight	0.098	0.062	0.015	RD	0.062	ST	0.045
HPG-1414-07	Straight	0.098	0.062	0.015	RD	0.062	ST	0.076
HPG-1414-08	Straight	0.098	0.062	0.015	RD	0.1	ST	0.16
HPG-1414-09	Straight	0.098	0.062	0.015	RD	0.072	ST	0.063
HPG-1414-10	Straight	0.098	0.062	0.015	RD	0.089	ST	0.25
HPG-1414-11	Straight	0.098	0.062	0.015	RD	0.085	ST	0.235
HPG-1414-12	Straight	0.098	0.062	0.015	RD	0.065	ST	0.03
HPG-1414-13	Straight	0.098	0.062	0.015	RD	0.065	ST	0.04
HPG-1414-14	Straight	0.098	0.062	0.015	RD	0.055	ST	0.22
HPG-1414-15	Straight	0.098	0.062	0.015	RD	0.065	ST	0.18
HPG-1414-16	Straight	0.098	0.062	0.015	RD	0.057	ST	0.078
HPG-1414-17	Straight	0.098	0.062	0.015	RD	0.085	ST	0.105
HPG-1414-18	Straight	0.098	0.062	0.015	RD	0.057	ST	0.039
HPG-1414-20	Straight	0.098	0.062	0.015	RD	0.075	ST	0.265
HPG-1414-21	Straight	0.098	0.062	0.015	RD	0.065	ST	0.05
HPG-1468	Straight	0.098	0.062	0.015	RD	0.06	RD	0.125
HPG-1517-01	Straight	0.098	0.062	0.015	RD	0.06	RD	0.125
HPG-1517-02	Straight	0.098	0.062	0.015	RD	0.05	ST	0.09
HPG-1517-03	Straight	0.098	0.062	0.015	RD	0.05	ST	0.087
HPG-1517-04	Straight	0.098	0.062	0.015	RD	0.05	ST	0.217
HPG-1517-05	Straight	0.098	0.062	0.015	RD	0.05	ST	0.263
HPG-1517-06	Straight	0.098	0.062	0.015	RD	0.05	ST	0.208
HPG-1517-07	Straight	0.098	0.062	0.015	RD	0.05	ST	0.102
HPG-1517-08	Straight	0.098	0.062	0.015	RD	0.05	ST	0.04
HPG-1545	Straight	0.11	0.06	0.015	RD	0.095	RD	0.105
HPG-1545	Straight	0.11	0.06	0.015	RD	0.095	RD	0.105
HPG-1545	Straight	0.11	0.06	0.015	RD	0.095	RD	0.105
HPG-1575	Straight	0.098	0.062	0.015	RD	0.08	RD	0.25
HPG-1607	Straight	0.098	0.04	0.015	RD	0.046	ST	0.105
HPG-1616	Straight	0.098	0.062	0.015	RD	0.075	RD	0.225
HPG-1622-01	Straight	0.098	0.062	0.015	RD	0.088	ST	0.08
HPG-1626	Straight	0.098	0.062	0.015	RD	0.06	ST	0.115
HPG-1646	Straight	0.098	0.062	0.015	RD	0.072	RD	0.103
HPG-1656	Straight	0.098	0.062	0.015	RD	0.065	RD	0.07
HPG-1663	Straight	0.098	0.04	0.015	RD	0.14	ST	0.075
HPG-1681	Straight	0.098	0.125	0.015	RD	0.072	ST	0.06
HPG-1710	Straight	0.098	0.062	0.015	RD	0.072	RD	0.138
HPG-1727	Straight	0.098	0.06	0.015	RD	0.072	ST	0.177
HPG-176	Straight	0.098	0.062	0.015	RD	0.08	RD	0.08
HPG-1785	Straight	0.098	0.062	0.015	RD	0.08	RD	0.173
HPG-1804	Straight	0.098	0.062	0.015	RD	0.06	RD	0.19
HPG-1816-01	Straight	0.098	0.04	0.015	RD	0.1	ST	0.025
HPG-1826-01	Straight	0.098	0.125	0.015	RD	0.05	ST	0.035
HPG-1826-02	Straight	0.098	0.125	0.015	RD	0.072	ST	0.15

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-186	Straight	0.098	0.062	0.015	RD	0.055	RD	0.07
HPG-1883	Straight	0.11	0.06	0.015	RD	0.095	ST	0.15
HPG-198	Straight	0.098	0.062	0.015	RD	0.125	RD	0.25
HPG-224	Straight	0.098	0.062	0.015	RD	0.082	RD	0.175
HPG-252	Straight	0.098	0.062	0.015	RD	0.089	RD	0.089
HPG-259	Straight	0.098	0.062	0.015	RD	0.13	RD	0.18
HPG-270	Straight	0.098	0.062	0.015	RD	0.07	ST	0.215
HPG-274	Straight	0.098	0.062	0.015	RD	0.072	ST	0.123
HPG-281	Straight	0.098	0.062	0.015	RD	0.08	RD	0.157
HPG-286	Straight	0.098	0.062	0.015	RD	0.075	ST	0.365
HPG-316	Straight	0.098	0.062	0.015	RD	0.1	ST	0.115
HPG-355	Straight	0.11	0.06	0.015	RD	0.072	ST	0.18
HPG-361	Straight	0.098	0.062	0.015	RD	0.072	RD	0.238
HPG-365	Straight	0.098	0.062	0.015	RD	0.05	RD	0.115
HPG-370	Straight	0.098	0.062	0.015	RD	0.1	RD	0.125
HPG-372	Straight	0.098	0.062	0.015	RD	0.086	RD	0.1
HPG-373	Straight	0.098	0.06	0.015	RD	0.1	RD	0.125
HPG-374	Straight	0.098	0.06	0.015	RD	0.072	ST	0.238
HPG-375	Straight	0.098	0.062	0.015	RD	0.072	RD	0.125
HPG-377	Straight	0.098	0.062	0.015	RD	0.1	RD	0.1
HPG-379	Straight	0.098	0.062	0.015	RD	0.09	RD	0.1
HPG-380	Straight	0.098	0.062	0.015	RD	0.046	RD	0.1
HPG-390	Straight	0.098	0.062	0.015	RD	0.1	RD	0.238
HPG-393	Straight	0.098	0.062	0.015	RD	0.1	RD	0.125
HPG-395	Straight	0.098	0.062	0.015	RD	0.05	ST	0.25
HPG-407	Straight	0.098	0.062	0.015	RD	0.072	ST	0.182
HPG-426	Straight	0.098	0.062	0.015	RD	0.07	ST	0.116
HPG-459	Straight	0.098	0.062	0.015	RD	0.05	ST	0.1
HPG-493-01	Straight	0.098	0.062	0.015	RD	0.155	ST	0.2
HPG-493-02	Straight	0.098	0.062	0.015	RD	0.08	ST	0.055
HPG-493-04	Straight	0.098	0.062	0.015	RD	0.08	ST	0.12
HPG-493-05	Straight	0.098	0.062	0.015	RD	0.08	ST	0.18
HPG-493-07	Straight	0.098	0.062	0.015	RD	0.05	ST	0.035
HPG-493-08	Straight	0.098	0.062	0.015	RD	0.08	ST	0.25
HPG-493-09	Straight	0.098	0.062	0.015	RD	0.05	ST	0.12
HPG-493-11	Straight	0.098	0.062	0.015	RD	0.08	ST	0.24
HPG-493-12	Straight	0.098	0.062	0.015	RD	0.05	ST	0.3
HPG-493-13	Straight	0.098	0.062	0.015	RD	0.05	ST	0.06
HPG-493-14	Straight	0.098	0.062	0.015	RD	0.05	ST	0.09
HPG-493-15	Straight	0.098	0.062	0.015	RD	0.05	ST	0.08
HPG-493-19	Straight	0.098	0.062	0.015	RD	0.08	ST	0.2
HPG-499	Straight	0.098	0.062	0.015	RD	0.05	ST	0.175
HPG-508	Straight	0.098	0.062	0.015	RD	0.08	ST	0.045
HPG-525	Straight	0.098	0.062	0.015	RD	0.1	ST	0.08
HPG-561	Straight	0.098	0.062	0.015	RD	0.08	ST	0.075
HPG-587	Straight	0.11	0.06	0.015	RD	0.065	RD	0.065
HPG-589	Straight	0.098	0.062	0.015	RD	0.065	ST	0.025
HPG-597	Straight	0.098	0.062	0.015	RD	0.05	ST	0.085
HPG-598	Straight	0.098	0.062	0.015	RD	0.05	ST	0.125
HPG-626-01	Straight	0.098	0.062	0.015	RD	0.05	RD	0.069
HPG-640	Straight	0.098	0.062	0.015	RD	0.09	ST	0.28
HPG-641	Straight	0.11	0.06	0.015	RD	0.09	ST	0.129

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-658	Straight	0.098	0.062	0.015	RD	0.1	ST	0.16
HPG-673	Straight	0.098	0.062	0.015	RD	0.04	RD	0.132
HPG-689	Straight	0.098	0.062	0.015	RD	0.05	ST	0.025
HPG-690	Straight	0.098	0.062	0.015	RD	0.05	ST	0.4
HPG-693	Straight	0.098	0.062	0.015	RD	0.05	ST	0.14
HPG-715	Straight	0.098	0.125	0.015	RD	0.025	ST	0.06
HPG-758	Straight	0.098	0.062	0.015	RD	0.04	RD	0.05
HPG-765	Straight	0.098	0.062	0.015	RD	0.05	ST	0.437
HPG-769	Straight	0.098	0.062	0.015	RD	0.125	ST	0.25
HPG-805	Straight	0.098	0.062	0.015	RD	0.05	RD	0.18
HPG-809	Straight	0.098	0.062	0.015	RD	0.09	ST	0.2
HPG-813	Straight	0.098	0.062	0.015	RD	0.23	ST	0.16
HPG-825	Straight	0.098	0.062	0.015	RD	0.055	RD	0.08
HPG-828	Straight	0.098	0.062	0.015	RD	0.05	ST	0.18
HPG-831	Straight	0.098	0.09	0.015	RD	0.25	FL	0.125
HPG-832	Straight	0.098	0.062	0.015	RD	0.05	FL	0.125
HPG-844	Straight	0.098	0.062	0.015	RD	0.075	ST	0.125
HPG-846	Straight	0.098	0.062	0.015	RD	0.025	ST	0.085
HPG-899	Straight	0.098	0.062	0.015	RD	0.05	RD	0.08
HPG-902	Straight	0.098	0.062	0.015	RD	0.1	ST	0.25
HPG-909	Straight	0.11	0.14	0.015	RD	0.05	ST	0.05
HPG-911	Straight	0.098	0.062	0.015	RD	0.05	RD	0.072
HPG-963	Straight	0.11	0.06	0.015	RD	0.05	ST	0.3
HPG-989	Straight	0.119	0.068	0.015	RD	0.07	ST	0.15
HPG-1075	Flange	0.128	0.11	0.015	ST	0.255	ST	0.255
HPG-1425-01	Flange	0.128	0.11	0.015	ST	0.394	ST	0.394
HPG-922	Flange	0.128	0.11	0.015	ST	0.138	ST	0.13
HPG-923	Flange	0.128	0.177	0.015	ST	0.138	ST	0.063
HPG-044	Straight	0.098	0.062	0.015	ST	0.1	ST	0.125
HPG-1003	Straight	0.098	0.062	0.015	ST	0.11	ST	0.135
HPG-103	Straight	0.11	0.06	0.015	ST	0.09	ST	0.09
HPG-1048	Straight	0.098	0.09	0.015	ST	0.045	ST	0.207
HPG-1076	Straight	0.098	0.09	0.015	ST	0.045	ST	0.102
HPG-1122	Straight	0.11	0.14	0.015	ST	0.085	ST	0.25
HPG-1184-01	Straight	0.098	0.062	0.015	ST	0.043	FL	0.062
HPG-1215	Straight	0.098	0.062	0.015	ST	0.048	ST	0.072
HPG-122-01	Straight	0.098	0.062	0.015	ST	0.012	ST	0.365
HPG-122-02	Straight	0.098	0.062	0.015	ST	0.02	ST	0.355
HPG-1248-01	Straight	0.098	0.062	0.015	ST	0.05	ST	0.275
HPG-1248-02	Straight	0.098	0.062	0.015	ST	0.053	ST	0.053
HPG-1248-03	Straight	0.098	0.062	0.015	ST	0.025	ST	0.085
HPG-125	Straight	0.098	0.062	0.015	ST	0.077	ST	0.105
HPG-1265-04	Straight	0.098	0.21	0.015	ST	0.075	ST	0.04
HPG-1289	Straight	0.098	0.04	0.015	ST	0.08	ST	0.1
HPG-1299	Straight	0.098	0.04	0.015	ST	0.02	ST	0.025
HPG-1311	Straight	0.098	0.04	0.015	ST	0.25	FL	0.1
HPG-1326	Straight	0.098	0.075	0.015	ST	0.025	ST	0.025
HPG-1350	Straight	0.098	0.145	0.015	ST	0.2	ST	0.2
HPG-1412-01	Straight	0.098	0.062	0.015	ST	0.095	ST	0.095
HPG-1412-02	Straight	0.098	0.062	0.015	ST	0.4	ST	0.4
HPG-1412-03	Straight	0.098	0.062	0.015	ST	0.05	ST	0.35
HPG-1412-04	Straight	0.098	0.062	0.015	ST	0.02	ST	0.025

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-1412-05	Straight	0.098	0.062	0.015	ST	0.1	ST	0.14
HPG-1412-06	Straight	0.098	0.062	0.015	ST	0.06	ST	0.2
HPG-1412-07	Straight	0.098	0.062	0.015	ST	0.02	ST	0.05
HPG-1412-08	Straight	0.098	0.062	0.015	ST	0.072	ST	0.18
HPG-1412-12	Straight	0.098	0.062	0.015	ST	0.3	ST	0.5
HPG-1412-14	Straight	0.098	0.062	0.015	ST	0.1	ST	0.238
HPG-1412-15	Straight	0.098	0.062	0.015	ST	0.04	ST	0.1
HPG-1456	Straight	0.098	0.245	0.015	ST	0.095	ST	0.261
HPG-1460	Straight	0.098	0.062	0.015	ST	0.04	ST	0.055
HPG-1556	Straight	0.098	0.04	0.015	ST	0.08	ST	0.1
HPG-1573	Straight	0.098	0.062	0.015	ST	0.25	ST	0.2
HPG-1655	Straight	0.098	0.062	0.015	ST	0.2	ST	0.25
HPG-1666	Straight	0.098	0.062	0.015	ST	0.08	ST	0.083
HPG-1718	Straight	0.098	0.09	0.015	ST	0.09	ST	0.09
HPG-173-01	Straight	0.098	0.062	0.015	ST	0.125	ST	0.25
HPG-173-02	Straight	0.098	0.062	0.015	ST	0.108	ST	0.141
HPG-173-03	Straight	0.098	0.062	0.015	ST	0.063	ST	0.191
HPG-173-04	Straight	0.098	0.062	0.015	ST	0.075	ST	0.215
HPG-173-05	Straight	0.098	0.062	0.015	ST	0.075	ST	0.225
HPG-173-06	Straight	0.098	0.062	0.015	ST	0.075	ST	0.2
HPG-173-07	Straight	0.098	0.062	0.015	ST	0.105	ST	0.175
HPG-173-08	Straight	0.098	0.062	0.015	ST	0.045	ST	0.175
HPG-173-09	Straight	0.098	0.062	0.015	ST	0.075	ST	0.1
HPG-173-10	Straight	0.098	0.062	0.015	ST	0.075	ST	0.075
HPG-173-11	Straight	0.098	0.062	0.015	ST	0.063	ST	0.25
HPG-1738	Straight	0.098	0.15	0.015	ST	0.06	ST	0.06
HPG-1825	Straight	0.098	0.04	0.015	ST	0.023	ST	0.104
HPG-1830-01	Straight	0.098	0.145	0.015	ST	0.1	ST	0.1
HPG-1847-01	Straight	0.11	0.06	0.015	ST	0.15	ST	0.3
HPG-1867	Straight	0.098	0.078	0.015	ST	0.075	ST	0.095
HPG-1884-01	Straight	0.098	0.06	0.015	ST	0.16	ST	0.23
HPG-202	Straight	0.098	0.062	0.015	ST	0.11	ST	0.26
HPG-205	Straight	0.098	0.062	0.015	ST	0.02	ST	0.08
HPG-222-01	Straight	0.098	0.062	0.015	ST	0.1	ST	0.25
HPG-222-02	Straight	0.098	0.062	0.015	ST	0.07	ST	0.12
HPG-222-03	Straight	0.098	0.062	0.015	ST	0.07	ST	0.22
HPG-222-04	Straight	0.098	0.062	0.015	ST	0.07	ST	0.15
HPG-256	Straight	0.098	0.062	0.015	ST	0.013	ST	0.1
HPG-278	Straight	0.098	0.062	0.015	ST	0.045	ST	0.106
HPG-279	Straight	0.098	0.062	0.015	ST	0.082	ST	0.158
HPG-280	Straight	0.098	0.062	0.015	ST	0.08	ST	0.252
HPG-294	Straight	0.098	0.062	0.015	ST	0.011	ST	0.058
HPG-297	Straight	0.098	0.062	0.015	ST	0.03	ST	0.1
HPG-299	Straight	0.098	0.062	0.015	ST	0.096	ST	0.15
HPG-350	Straight	0.098	0.145	0.015	ST	0.07	ST	0.1
HPG-416	Straight	0.098	0.062	0.015	ST	0.13	FL	0.06
HPG-417	Straight	0.098	0.04	0.015	ST	0.13	FL	0.06
HPG-453-04	Straight	0.098	0.062	0.015	ST	0.125	ST	0.25
HPG-453-19	Straight	0.098	0.062	0.015	ST	0.025	ST	0.04
HPG-468	Straight	0.098	0.062	0.015	ST	0.08	ST	0.25
HPG-504	Straight	0.098	0.062	0.015	ST	0.05	ST	0.122
HPG-510	Straight	0.098	0.062	0.015	ST	0.105	ST	0.135

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-532	Straight	0.098	0.145	0.015	ST	0.15	ST	0.215
HPG-595	Straight	0.098	0.04	0.015	ST	0.04	ST	0.35
HPG-596	Straight	0.098	0.062	0.015	ST	0.05	ST	0.09
HPG-628	Straight	0.098	0.125	0.015	ST	0.1	ST	0.1
HPG-646	Straight	0.098	0.145	0.015	ST	0.033	ST	0.08
HPG-677	Straight	0.098	0.062	0.015	ST	0.07	ST	0.07
HPG-691	Straight	0.098	0.062	0.015	ST	0.05	ST	0.25
HPG-721	Straight	0.098	0.075	0.015	ST	0.25	ST	0.25
HPG-762	Straight	0.098	0.062	0.015	ST	0.08	ST	0.25
HPG-768	Straight	0.098	0.145	0.015	ST	0.085	ST	0.1
HPG-779	Straight	0.098	0.062	0.015	ST	0.075	ST	0.09
HPG-833	Straight	0.098	0.062	0.015	ST	0.03	ST	0.08
HPG-897	Straight	0.098	0.062	0.015	ST	0.053	ST	0.085
HPG-926	Straight	0.098	0.145	0.015	ST	0.073	ST	0.16
HPG-936	Straight	0.098	0.145	0.015	ST	0.072	ST	0.072
HPG-947	Straight	0.098	0.062	0.015	ST	0.05	ST	0.125
HPG-973	Straight	0.098	0.054	0.015	ST	0.05	FL	0.06
HPG-341	Straight	0.11	0.06	0.018	CN	0.095	ST	0.1
HPG-1080	Straight	0.11	0.06	0.018	FL	0.08	ST	0.5
HPG-1674	Straight	0.11	0.06	0.018	NH	0.083	ST	0.143
HPG-574	Straight	0.11	0.06	0.018	NH	0.07	ST	0.15
HPG-611	Straight	0.11	0.06	0.018	NH	0.046	ST	0.16
HPG-698	Straight	0.11	0.06	0.018	NT	0.11	ST	0.1
HPG-1017	Straight	0.11	0.06	0.018	RD	0.05	ST	0.05
HPG-1071	Straight	0.11	0.06	0.018	RD	0.18	RD	0.18
HPG-1156	Straight	0.11	0.06	0.018	RD	0.072	RD	0.23
HPG-1156-01	Straight	0.11	0.06	0.018	RD	0.072	RD	0.121
HPG-1162	Straight	0.11	0.06	0.018	RD	0.2	ST	0.1
HPG-1217	Straight	0.11	0.06	0.018	RD	0.09	ST	0.25
HPG-1226	Straight	0.11	0.06	0.018	RD	0.08	ST	0.45
HPG-1232	Straight	0.11	0.09	0.018	RD	0.083	RD	0.76
HPG-1283	Straight	0.11	0.06	0.018	RD	0.05	ST	0.15
HPG-1328	Straight	0.11	0.06	0.018	RD	0.068	RD	0.072
HPG-1397-01	Straight	0.11	0.06	0.018	RD	0.1	ST	0.235
HPG-1397-02	Straight	0.11	0.06	0.018	RD	0.2	ST	0.15
HPG-1397-03	Straight	0.11	0.06	0.018	RD	0.072	ST	0.11
HPG-1397-04	Straight	0.11	0.06	0.018	RD	0.072	ST	0.2
HPG-1397-05	Straight	0.11	0.06	0.018	RD	0.072	ST	0.6
HPG-1397-06	Straight	0.11	0.06	0.018	RD	0.1	ST	0.25
HPG-1397-07	Straight	0.11	0.06	0.018	RD	0.1	ST	0.094
HPG-1397-08	Straight	0.11	0.06	0.018	RD	0.072	ST	0.18
HPG-1419	Straight	0.11	0.06	0.018	RD	0.09	ST	0.125
HPG-1484	Straight	0.11	0.06	0.018	RD	0.07	ST	0.063
HPG-152	Straight	0.11	0.06	0.018	RD	0.035	ST	0.06
HPG-1547	Straight	0.11	0.06	0.018	RD	0.074	ST	0.122
HPG-1549	Straight	0.11	0.06	0.018	RD	0.072	ST	0.25
HPG-1598	Straight	0.11	0.06	0.018	RD	0.1	ST	0.263
HPG-1709	Straight	0.11	0.06	0.018	RD	0.1	ST	0.21
HPG-1737	Straight	0.11	0.06	0.018	RD	0.072	ST	0.095
HPG-1775-01	Straight	0.11	0.14	0.018	RD	0.095	ST	0.235
HPG-187	Straight	0.11	0.06	0.018	RD	0.08	RD	0.17
HPG-363	Straight	0.11	0.06	0.018	RD	0.072	RD	0.113

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-406	Straight	0.11	0.06	0.018	RD	0.072	RD	0.24
HPG-498	Straight	0.11	0.06	0.018	RD	0.072	ST	0.375
HPG-511	Straight	0.11	0.06	0.018	RD	0.075	ST	0.06
HPG-555	Straight	0.11	0.06	0.018	RD	0.05	RD	0.125
HPG-586	Straight	0.11	0.06	0.018	RD	0.065	ST	0.065
HPG-593	Straight	0.11	0.06	0.018	RD	0.065	ST	0.065
HPG-729-01	Straight	0.11	0.06	0.018	RD	0.109	ST	0.545
HPG-729-02	Straight	0.11	0.06	0.018	RD	0.109	ST	0.275
HPG-743	Straight	0.11	0.06	0.018	RD	0.1	RD	0.15
HPG-746	Straight	0.11	0.06	0.018	RD	0.09	ST	0.25
HPG-796	Straight	0.11	0.06	0.018	RD	0.06	ST	0.34
HPG-834	Straight	0.11	0.06	0.018	RD	0.072	ST	0.148
HPG-836	Straight	0.11	0.06	0.018	RD	0.2	ST	0.18
HPG-854	Straight	0.11	0.06	0.018	RD	0.06	ST	0.6
HPG-964	Straight	0.11	0.06	0.018	RD	0.072	RD	0.25
HPG-985	Straight	0.11	0.06	0.018	RD	0.075	ST	0.025
HPG-1046	Straight	0.11	0.06	0.018	ST	0.059	ST	0.275
HPG-1079	Straight	0.11	0.06	0.018	ST	0.04	ST	0.5
HPG-1094	Straight	0.11	0.04	0.018	ST	0.1	ST	0.25
HPG-1131	Straight	0.11	0.06	0.018	ST	0.06	ST	0.5
HPG-1138	Straight	0.11	0.06	0.018	ST	0.07	ST	0.175
HPG-1147	Straight	0.11	0.06	0.018	ST	0.013	ST	0.145
HPG-1180	Straight	0.11	0.09	0.018	ST	0.09	ST	0.3
HPG-1228	Straight	0.11	0.06	0.018	ST	0.015	ST	0.139
HPG-1303	Straight	0.11	0.09	0.018	ST	0.02	ST	0.14
HPG-1331	Straight	0.11	0.06	0.018	ST	0.17	ST	0.17
HPG-1368	Straight	0.11	0.14	0.018	ST	0.027	ST	0.083
HPG-1369	Straight	0.11	0.14	0.018	ST	0.073	ST	0.073
HPG-142	Straight	0.11	0.06	0.018	ST	0.05	ST	0.05
HPG-1424	Straight	0.11	0.06	0.018	ST	0.07	BT	0.14
HPG-1459	Straight	0.11	0.09	0.018	ST	0.096	ST	0.184
HPG-1466-01	Straight	0.11	0.09	0.018	ST	0.12	ST	0.12
HPG-1466-02	Straight	0.11	0.09	0.018	ST	0.1	ST	0.125
HPG-1466-03	Straight	0.11	0.09	0.018	ST	0.125	ST	0.125
HPG-1466-04	Straight	0.11	0.09	0.018	ST	0.1	ST	0.167
HPG-1485	Straight	0.11	0.06	0.018	ST	0.2	ST	0.3
HPG-1528	Straight	0.11	0.06	0.018	ST	0.15	BT	0.15
HPG-1559-01	Straight	0.11	0.06	0.018	ST	0.1	ST	0.2
HPG-1559-02	Straight	0.11	0.06	0.018	ST	0.06	ST	0.112
HPG-1559-03	Straight	0.11	0.06	0.018	ST	0.075	ST	0.18
HPG-159	Straight	0.11	0.06	0.018	ST	0.1	ST	0.17
HPG-159-01	Straight	0.11	0.06	0.018	ST	0.1	ST	0.6
HPG-1713	Straight	0.11	0.14	0.018	ST	0.085	ST	0.3
HPG-197	Straight	0.11	0.06	0.018	ST	0.08	ST	0.17
HPG-219	Straight	0.11	0.06	0.018	ST	0.06	ST	0.1
HPG-221	Straight	0.11	0.06	0.018	ST	0.3	ST	0.3
HPG-248	Straight	0.11	0.06	0.018	ST	0.06	ST	0.125
HPG-288	Straight	0.11	0.06	0.018	ST	0.1	ST	0.33
HPG-290	Straight	0.11	0.06	0.018	ST	0.06	ST	0.135
HPG-315	Straight	0.11	0.06	0.018	ST	0.1	ST	0.1
HPG-362-01	Straight	0.11	0.06	0.018	ST	0.07	ST	0.14
HPG-362-02	Straight	0.11	0.06	0.018	ST	0.07	ST	0.25

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-410	Straight	0.11	0.06	0.018	ST	0.072	ST	0.25
HPG-415	Straight	0.11	0.06	0.018	ST	0.15	ST	0.3
HPG-429	Straight	0.11	0.06	0.018	ST	0.035	ST	0.075
HPG-440	Straight	0.11	0.14	0.018	ST	0.08	ST	0.1
HPG-445-01	Straight	0.11	0.14	0.018	ST	0.045	ST	0.045
HPG-445-02	Straight	0.11	0.14	0.018	ST	0.09	ST	0.269
HPG-453-01	Straight	0.11	0.06	0.018	ST	0.06	ST	0.135
HPG-568	Straight	0.11	0.06	0.018	ST	0.1	ST	0.25
HPG-606	Straight	0.11	0.06	0.018	ST	0.1	ST	0.3
HPG-672	Straight	0.11	0.06	0.018	ST	0.072	ST	0.23
HPG-709	Straight	0.11	0.06	0.018	ST	0.08	NT	0.315
HPG-742	Straight	0.11	0.06	0.018	ST	0.1	ST	0.6
HPG-782	Straight	0.11	0.09	0.018	ST	0.1	ST	0.6
HPG-800	Straight	0.11	0.06	0.018	ST	0.015	ST	0.056
HPG-811	Straight	0.11	0.06	0.018	ST	0.056	ST	0.084
HPG-979	Straight	0.11	0.09	0.018	ST	0.05	ST	0.05
HPG-1087	Straight	0.158	0.06	0.02	CN	0.095	ST	0.25
HPG-1246	Straight	0.158	0.06	0.02	CN	0.095	ST	0.185
HPG-1423	Straight	0.158	0.06	0.02	CN	0.095	ST	0.065
HPG-1835-01	Straight	0.158	0.06	0.02	CN	0.095	ST	0.385
HPG-577	Straight	0.158	0.06	0.02	CN	0.095	ST	0.098
HPG-719	Straight	0.158	0.06	0.02	CN	0.095	ST	0.13
HPG-855	Straight	0.158	0.06	0.02	CN	0.095	ST	0.175
HPG-900	Straight	0.158	0.06	0.02	CN	0.095	ST	0.135
HPG-967	Straight	0.158	0.06	0.02	CN	0.095	ST	0.21
HPG-318-01	Straight	0.158	0.06	0.02	HN	0.02	HN	0.045
HPG-318-02	Straight	0.158	0.06	0.02	HN	0.07	HN	0.189
HPG-053	Straight	0.158	0.06	0.02	RD	0.07	RD	0.164
HPG-1068	Straight	0.158	0.06	0.02	RD	0.067	ST	0.25
HPG-112	Straight	0.158	0.06	0.02	RD	0.07	RD	0.11
HPG-1201	Straight	0.158	0.06	0.02	RD	0.355	ST	0.14
HPG-782	Straight	0.11	0.09	0.018	ST	0.1	ST	0.6
HPG-1220	Straight	0.158	0.06	0.02	RD	0.07	ST	0.21
HPG-1229	Straight	0.158	0.07	0.02	RD	0.07	RD	0.08
HPG-1234-01	Straight	0.158	0.06	0.02	RD	0.05	ST	0.23
HPG-1234-02	Straight	0.158	0.06	0.02	RD	0.05	ST	0.19
HPG-1234-03	Straight	0.158	0.06	0.02	RD	0.05	ST	0.25
HPG-1234-04	Straight	0.158	0.06	0.02	RD	0.1	ST	0.16
HPG-1266	Straight	0.158	0.07	0.02	RD	0.08	ST	0.11
HPG-127	Straight	0.158	0.06	0.02	RD	0.1	ST	0.138
HPG-130	Straight	0.158	0.06	0.02	RD	0.3	RD	0.3
HPG-1541	Straight	0.158	0.07	0.02	RD	0.08	ST	0.32
HPG-171	Straight	0.158	0.06	0.02	RD	0.07	ST	0.115
HPG-193	Straight	0.158	0.06	0.02	RD	0.07	RD	0.095
HPG-200	Straight	0.158	0.06	0.02	RD	0.07	RD	0.3
HPG-357	Straight	0.158	0.06	0.02	RD	0.06	RD	0.205
HPG-378	Straight	0.158	0.06	0.02	RD	0.07	RD	0.3
HPG-385	Straight	0.158	0.06	0.02	RD	0.3	RD	0.3
HPG-453-16	Straight	0.158	0.06	0.02	RD	0.05	ST	0.18
HPG-507	Straight	0.158	0.06	0.02	RD	0.05	RD	0.125
HPG-531-03	Straight	0.158	0.06	0.02	RD	0.05	RD	0.125
HPG-531-18	Straight	0.144	0.06	0.02	RD	0.07	ST	0.066

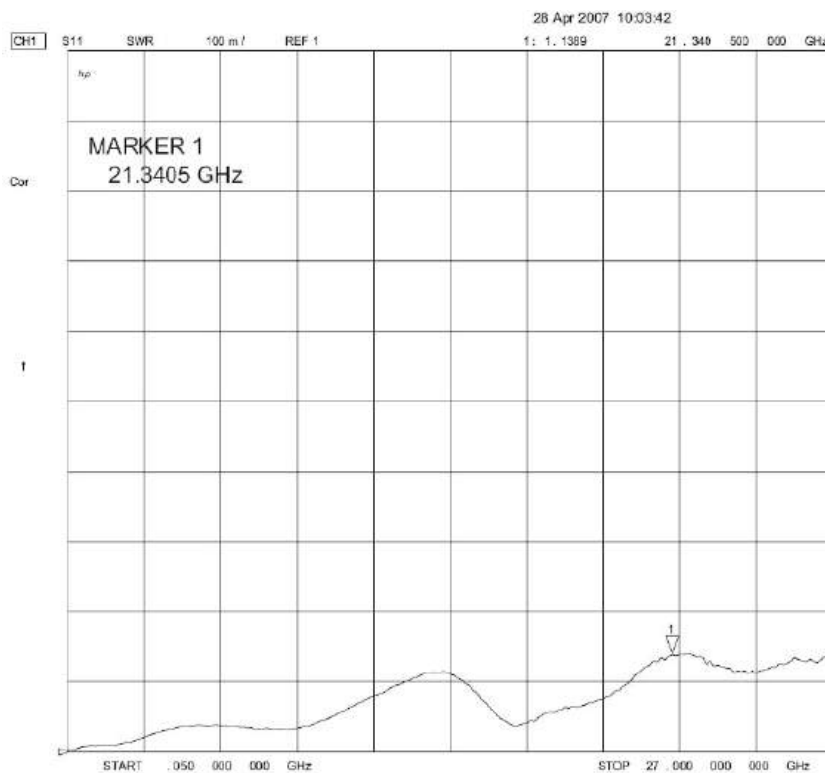
P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-536	Straight	0.158	0.06	0.02	RD	0.05	RD	0.05
HPG-558	Straight	0.158	0.06	0.02	RD	0.055	RD	0.106
HPG-571	Straight	0.158	0.06	0.02	RD	0.06	RD	0.09
HPG-602-01	Straight	0.158	0.06	0.02	RD	0.05	ST	0.012
HPG-602-02	Straight	0.158	0.06	0.02	RD	0.05	ST	0.015
HPG-602-03	Straight	0.158	0.06	0.02	RD	0.05	ST	0.025
HPG-602-04	Straight	0.158	0.06	0.02	RD	0.05	ST	0.06
HPG-602-05	Straight	0.158	0.06	0.02	RD	0.05	ST	0.065
HPG-602-06	Straight	0.158	0.06	0.02	RD	0.05	ST	0.07
HPG-602-07	Straight	0.158	0.06	0.02	RD	0.05	ST	0.075
HPG-602-08	Straight	0.158	0.06	0.02	RD	0.05	ST	0.08
HPG-602-09	Straight	0.158	0.06	0.02	RD	0.05	ST	0.1
HPG-602-10	Straight	0.158	0.06	0.02	RD	0.05	ST	0.12
HPG-602-11	Straight	0.158	0.06	0.02	RD	0.05	ST	0.125
HPG-602-12	Straight	0.158	0.06	0.02	RD	0.05	ST	0.13
HPG-602-13	Straight	0.158	0.06	0.02	RD	0.05	ST	0.16
HPG-602-14	Straight	0.158	0.06	0.02	RD	0.05	ST	0.17
HPG-602-15	Straight	0.158	0.06	0.02	RD	0.05	ST	0.185
HPG-602-16	Straight	0.158	0.06	0.02	RD	0.05	ST	0.25
HPG-602-17	Straight	0.158	0.06	0.02	RD	0.05	ST	0.26
HPG-602-18	Straight	0.158	0.06	0.02	RD	0.05	ST	0.055
HPG-602-19	Straight	0.158	0.06	0.02	RD	0.05	ST	0.067
HPG-602-20	Straight	0.158	0.06	0.02	RD	0.05	ST	0.095
HPG-602-21	Straight	0.158	0.06	0.02	RD	0.05	ST	0.11
HPG-602-22	Straight	0.158	0.06	0.02	RD	0.05	ST	0.155
HPG-602-23	Straight	0.158	0.06	0.02	RD	0.05	ST	0.175
HPG-602-24	Straight	0.158	0.06	0.02	RD	0.05	ST	0.022
HPG-620	Straight	0.158	0.06	0.02	RD	0.095	ST	0.5
HPG-620-01	Straight	0.158	0.06	0.02	RD	0.095	ST	0.75
HPG-645	Straight	0.158	0.06	0.02	RD	0.06	ST	0.25
HPG-668	Straight	0.158	0.06	0.02	RD	0.06	RD	0.225
HPG-669	Straight	0.158	0.06	0.02	RD	0.07	RD	0.28
HPG-674	Straight	0.158	0.06	0.02	RD	0.05	FL	0.125
HPG-702	Straight	0.158	0.06	0.02	RD	0.092	RD	0.507
HPG-711	Straight	0.158	0.06	0.02	RD	0.07	ST	0.132
HPG-713	Straight	0.158	0.06	0.02	RD	0.07	RD	0.132
HPG-735	Straight	0.158	0.06	0.02	RD	0.08	ST	0.175
HPG-764	Straight	0.11	0.06	0.02	RD	0.06	ST	0.34
HPG-783	Straight	0.158	0.06	0.02	RD	0.06	RD	0.185
HPG-826	Straight	0.158	0.06	0.02	RD	0.23	ST	0.16
HPG-983	Straight	0.158	0.06	0.02	RD	0.06	ST	0.203
HPG-102	Straight	0.158	0.06	0.02	ST	0.04	ST	0.093
HPG-105	Straight	0.158	0.06	0.02	ST	0.06	ST	0.1
HPG-119	Straight	0.158	0.06	0.02	ST	0.07	ST	0.13
HPG-1467	Straight	0.158	0.06	0.02	ST	0.065	ST	0.07
HPG-1578-01	Straight	0.158	0.06	0.02	ST	0.095	ST	0.5
HPG-1578-02	Straight	0.158	0.06	0.02	ST	0.103	ST	0.2
HPG-160	Straight	0.158	0.06	0.02	ST	0.035	ST	0.08
HPG-1707	Straight	0.158	0.07	0.02	ST	0.06	ST	0.24
HPG-177	Straight	0.158	0.06	0.02	ST	0.1	ST	0.35
HPG-235	Straight	0.158	0.06	0.02	ST	0.08	ST	0.155
HPG-271	Straight	0.158	0.06	0.02	ST	0.3	ST	0.3

P/N	Type	D	L	d	Pin Type1	L1	Pin Type2	L2
HPG-325	Straight	0.158	0.06	0.02	ST	0.09	ST	0.45
HPG-337	Straight	0.158	0.06	0.02	ST	0.05	ST	0.04
HPG-453-09	Straight	0.158	0.06	0.02	ST	0.06	ST	0.203
HPG-483	Straight	0.158	0.06	0.02	ST	0.125	ST	0.15
HPG-502	Straight	0.158	0.06	0.02	ST	0.15	ST	0.2
HPG-547-01	Straight	0.158	0.07	0.02	ST	0.023	ST	0.047
HPG-547-02	Straight	0.158	0.07	0.02	ST	0.023	ST	0.083
HPG-547-03	Straight	0.158	0.07	0.02	ST	0.047	ST	0.071
HPG-547-04	Straight	0.158	0.07	0.02	ST	0.07	ST	0.08
HPG-547-05	Straight	0.158	0.07	0.02	ST	0.076	ST	0.229
HPG-547-06	Straight	0.158	0.07	0.02	ST	0.076	ST	0.185
HPG-607	Straight	0.158	0.06	0.02	ST	0.07	ST	0.132
HPG-650	Straight	0.158	0.07	0.02	ST	0.07	ST	0.08
HPG-666	Straight	0.158	0.07	0.02	ST	0.07	ST	0.08
HPG-781	Straight	0.158	0.06	0.02	ST	0.11	ST	0.11
HPG-1004	Straight	0.158	0.06	0.024	RD	0.125	ST	0.18
HPG-1166	Straight	0.158	0.06	0.024	RD	0.05	ST	0.35
HPG-349	Straight	0.158	0.06	0.024	RD	0.06	ST	0.26
HPG-1661	Straight	0.158	0.06	0.024	ST	0.125	ST	0.154
HPG-1439	Straight	0.076	0.062	0.012	ST	0.055	ST	0.108
HPG-144	Straight	0.076	0.055	0.012	ST	0.082	ST	0.05

Typical Test Data



**Adapter: HPA111-02
N/Male-N/Female**



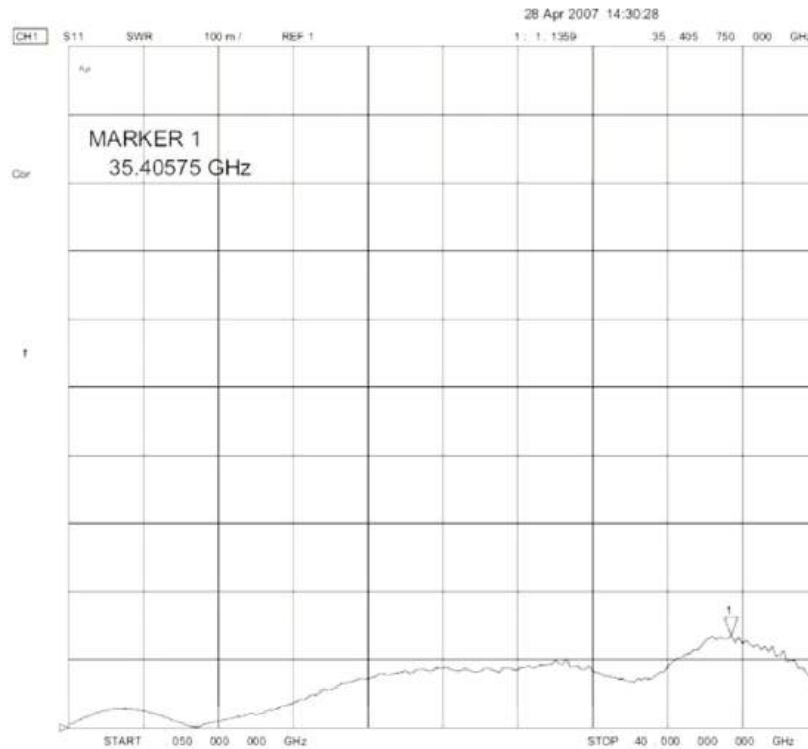
**Adapter: HPA112-01
SMA/Female-SMA/Female**



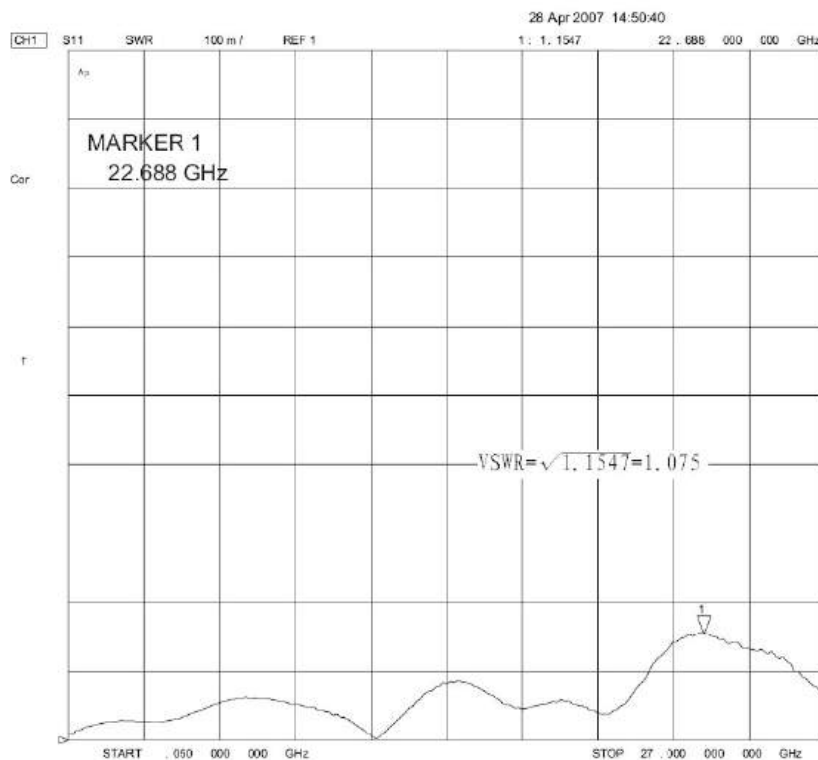
Adapter: HPA113-01
3.5mm/Female-3.5mm/Female



Adapter: HPA152-01
2.92mm/Female-SMA/Female



**Adapter: HPA115-01
2.4mm/Female-2.4mm/Female**



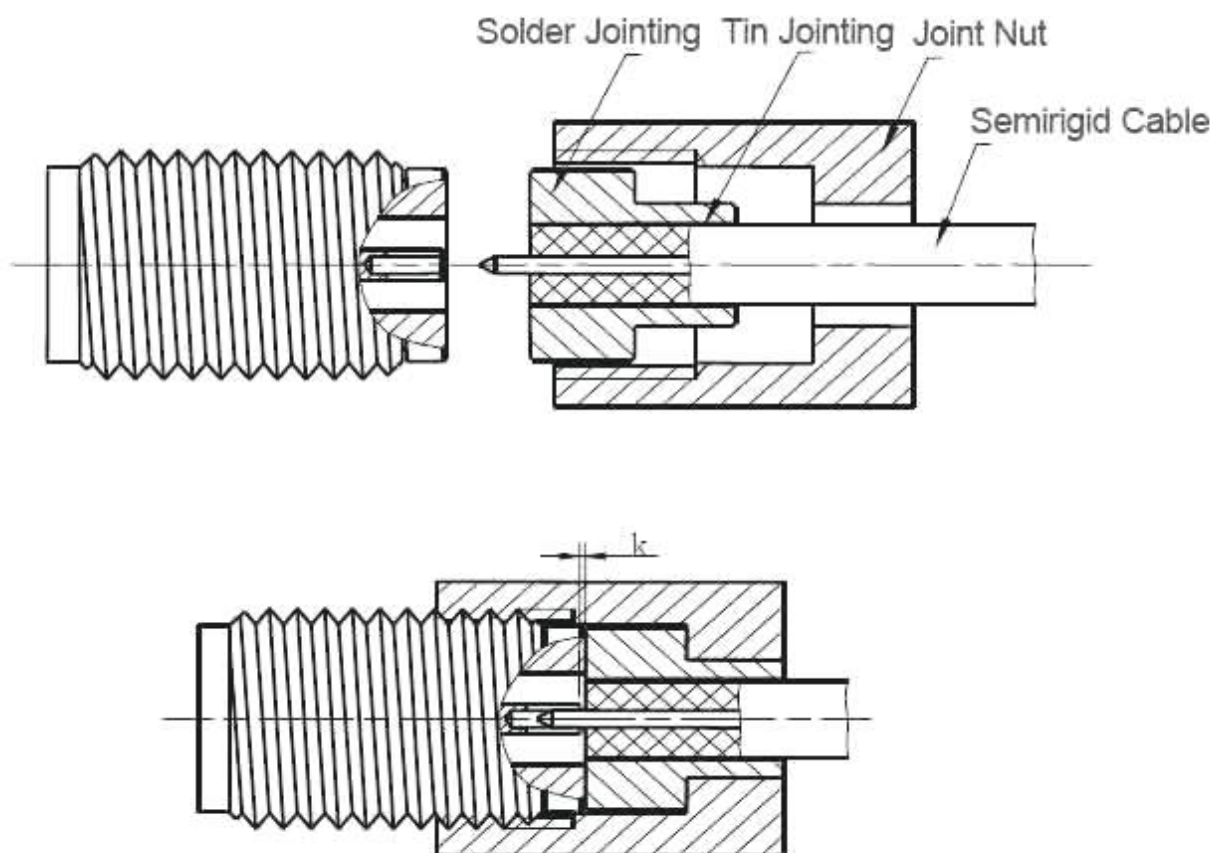
**Connector HPC1010-15(Back to Back Test)
SMA Connector(Female)**

Application Notes

Thread-in connector for cable assembly

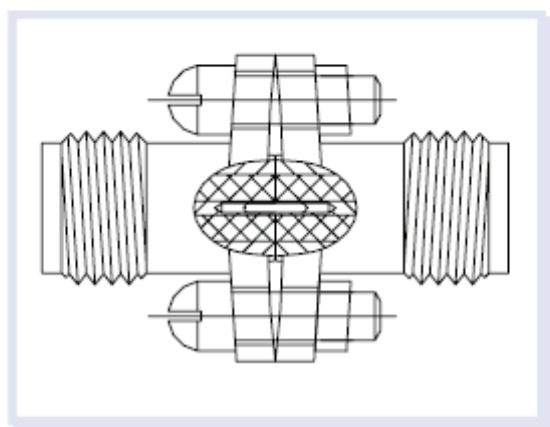
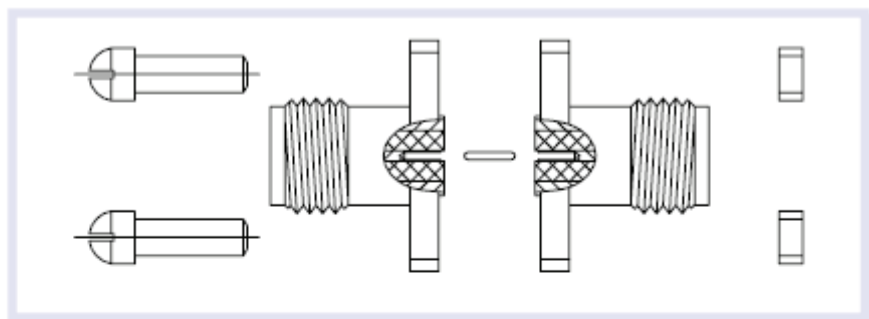
The SMA,2.92mm,2.4mm thread-in connectors offered by A-info can be used not only for microwave devices,but also for cable assemblies.The advantages are:

1. Good accordance by reducing requirement of soldering process;
2. Good compatibility,SMA,2.92mm,2.4mm connectors can be used exchangeable.

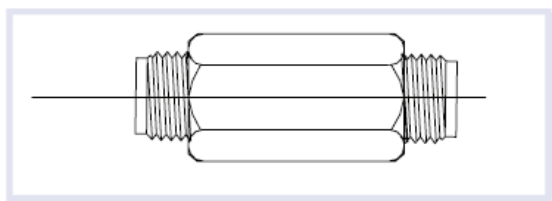
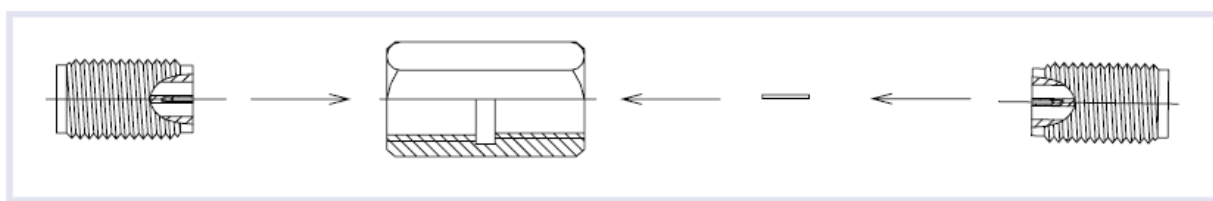


Back to Back Connector Testing Method

1、



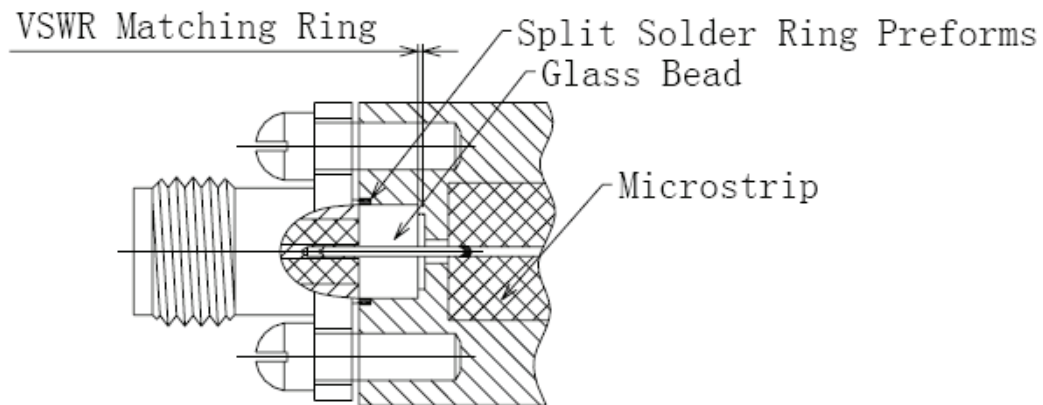
2、



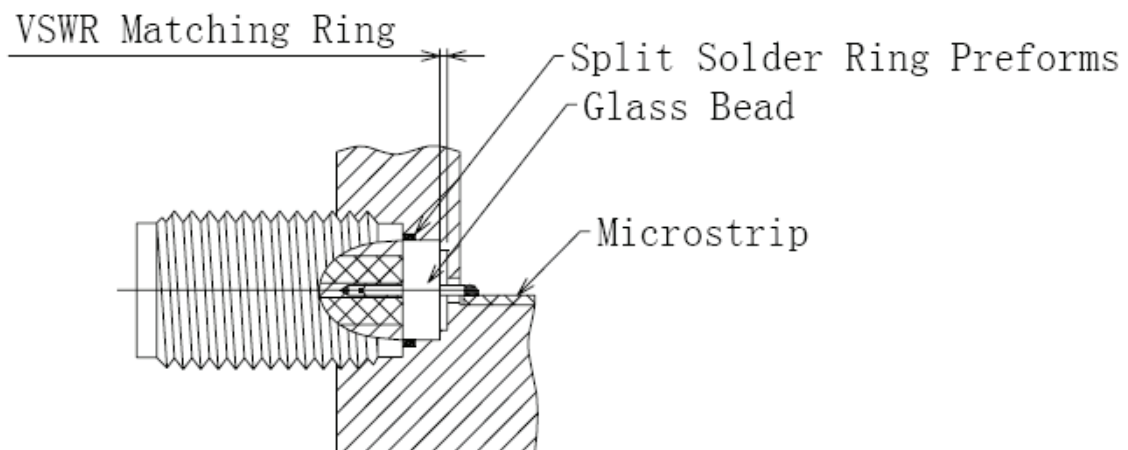
3、 Taking the square root of the peak VSWR will provide the value for a single connector.

Connector Installation Schematic Drawing

1、



2、



Connectors & Adapters Index

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HPC1011-18	Female, Four holes, 0.018" PIN	3
HPC1011-20	Female, Four holes, 0.020" PIN	3
HPC1012-12	Female, Four holes, 0.012" PIN	3
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HPC1310-18	0.018" PIN	11
HPC1310-20	0.020" PIN	11
HPC1311-12	0.012" PIN	11
HPC1311-15	0.015" PIN	11
HPC1311-18	0.018" PIN	11
HPC1311-20	0.020" PIN	11

SMA Series Bulkhead Flange Connectors		
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HPC1410-01	Female, Four holes, 0.031" PIN	12
HPC1410-02	Female, Four holes, 0.031" PIN	12
HPC1410-03	Female, Four holes, 0.031" PIN	12
HPC1411-01	Female, Two holes, 0.031" PIN	12
HPC1411-02	Female, Two holes, 0.031" PIN	12
HPC1411-03	Female, Two holes, 0.031" PIN	12
HPC1411-04	Female, Two holes, 0.031" PIN	12
HPC1412-01	Female, Four holes, 0.015" PIN	12
HPC1412-02	Female, Four holes, 0.015" PIN	12
HPC1412-03	Female, Four holes, 0.015" PIN	12
HPC1413-01	Female, Two holes, 0.015" PIN	12
HPC1413-02	Female, Two holes, 0.015" PIN	12
HPC1413-03	Female, Two holes, 0.015" PIN	12
HPC1413-04	Female, Two holes, 0.015" PIN	12
HPC1414-01	Female, Four holes, 0.039" Strip.	13
HPC1414-02	Female, Four holes, 0.039" Strip.	13
HPC1414-03	Female, Four holes, 0.039" Strip.	13
HPC1415-01	Female, Two holes, 0.039" Strip.	13
HPC1415-02	Female, Two holes, 0.039" Strip.	13
HPC1415-03	Female, Two holes, 0.039" Strip.	13
HPC1415-04	Female, Two holes, 0.039" Strip.	13
HPC1416-01	Female, Four holes, 0.039" Strip.	13

HPC1416-02	Female, Four holes, 0.039" Strip.	13
HPC1416-03	Female, Four holes, 0.039" Strip.	13
HPC1417-01	Female, Two holes, 0.039" Strip.	13
HPC1417-02	Female, Two holes, 0.039" Strip.	13
HPC1417-03	Female, Two holes, 0.039" Strip.	13
HPC1417-04	Female, Two holes, 0.039" Strip.	13

SMA Series PCB Connectors		
P/N	Description	Page No.
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HPC1511-01	Female,W55DO-H02	14

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HPC3110-12	Female, Four holes, 0.012" PIN	17
HPC3110-15	Female, Four holes, 0.015" PIN	17
HPC3110-18	Female, Four holes, 0.018" PIN	17
HPC3110-20	Female, Four holes, 0.020" PIN	17
HPC3111-12	Female, Four holes, 0.012" PIN	17
HPC3111-15	Female, Four holes, 0.015" PIN	17
HPC3111-18	Female, Four holes, 0.018" PIN	17
HPC3111-20	Female, Four holes, 0.020" PIN	17
HPC3112-12	Female, Four holes, 0.012" PIN	17
HPC3112-15	Female, Four holes, 0.015" PIN	17
HPC3112-18	Female, Four holes, 0.018" PIN	17
HPC3112-20	Female, Four holes, 0.020" PIN	17
HPC3113-12	Female, Two holes, 0.012" PIN	17
HPC3113-15	Female, Two holes, 0.015" PIN	17
HPC3113-18	Female, Two holes, 0.018" PIN	17
HPC3113-20	Female, Two holes, 0.020" PIN	17
HPC3114-12	Female, Two holes, 0.012" PIN	18
HPC3114-15	Female, Two holes, 0.015" PIN	18
HPC3114-18	Female, Two holes, 0.018" PIN	18
HPC3114-20	Female, Two holes, 0.020" PIN	18
HPC3115-12	Male, Two holes, 0.012" PIN	18
HPC3115-15	Male, Two holes, 0.015" PIN	18
HPC3115-18	Male, Two holes, 0.018" PIN	18
HPC3115-20	Male, Two holes, 0.020" PIN	18
HPC3116-12	Female, Two holes, 0.012" PIN	18
HPC3116-15	Female, Two holes, 0.015" PIN	18
HPC3116-18	Female, Two holes, 0.018" PIN	18
HPC3116-20	Female, Two holes, 0.020" PIN	18
HPC3117-12	Male, Four holes, 0.012" PIN	18
HPC3117-15	Male, Four holes, 0.015" PIN	18
HPC3117-18	Male, Four holes, 0.018" PIN	18
HPC3117-20	Male, Four holes, 0.020" PIN	18
HPC3118-12	Male, Four holes, 0.012" PIN	19
HPC3118-15	Male, Four holes, 0.015" PIN	19
HPC3118-18	Male, Four holes, 0.018" PIN	19
HPC3118-20	Male, Four holes, 0.020" PIN	19
HPC3119-12	Male, Four holes, 0.012" PIN	19
HPC3119-15	Male, Four holes, 0.015" PIN	19
HPC3119-18	Male, Four holes, 0.018" PIN	19
HPC3119-20	Male, Four holes, 0.020" PIN	19
HPC3120-12	Male, Two holes, 0.012" PIN	19
HPC3120-15	Male, Two holes, 0.015" PIN	19
HPC3120-18	Male, Two holes, 0.018" PIN	19
HPC3120-20	Male, Two holes, 0.020" PIN	19
HPC3121-12	Male, Two holes, 0.012" PIN	19
HPC3121-15	Male, Two holes, 0.015" PIN	19
HPC3121-18	Male, Two holes, 0.018" PIN	19
HPC3121-20	Male, Two holes, 0.020" PIN	19
HPC3122-12	Male, Two holes, 0.012" PIN	20
HPC3122-15	Male, Two holes, 0.015" PIN	20
HPC3122-18	Male, Two holes, 0.018" PIN	20
HPC3122-20	Male, Two holes, 0.020" PIN	20

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HPC3210-12	0.012" PIN	21
HPC3210-15	0.015" PIN	21
HPC3210-18	0.018" PIN	21
HPC3210-20	0.020" PIN	21
HPC3211-12	0.012" PIN	21
HPC3211-15	0.015" PIN	21
HPC3211-18	0.018" PIN	21
HPC3211-20	0.020" PIN	21

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HPC3310-01	Male, Four holes, Customization	22
HPC3310-02	Male, Four holes, Customization	22
HPC3310-03	Male, Four holes, Customization	22
HPC3311-01	Male, Two holes, Customization	22
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HPC3312-01	Female, Four holes, Customization	22
HPC3312-02	Female, Four holes, Customization	22
HPC3312-03	Female, Four holes, Customization	22
HPC3313-01	Female, Two holes, Customization	22
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HPC3313-03	Female, Two holes, Customization	22

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HPC4110-15	Female, Four holes, 0.015" PIN	24
HPC4110-18	Female, Four holes, 0.018" PIN	24
HPC4110-20	Female, Four holes, 0.020" PIN	24
HPC4111-12	Female, Four holes, 0.012" PIN	24
HPC4111-15	Female, Four holes, 0.015" PIN	24
HPC4111-18	Female, Four holes, 0.018" PIN	24
HPC4111-20	Female, Four holes, 0.020" PIN	24
HPC4112-12	Female, Four holes, 0.012" PIN	24
HPC4112-15	Female, Four holes, 0.015" PIN	24
HPC4112-18	Female, Four holes, 0.018" PIN	24
HPC4112-20	Female, Four holes, 0.020" PIN	24
HPC4113-12	Female, Two holes, 0.012" PIN	24
HPC4113-15	Female, Two holes, 0.015" PIN	24
HPC4113-18	Female, Two holes, 0.018" PIN	24
HPC4113-20	Female, Two holes, 0.020" PIN	24
HPC4114-12	Female, Two holes, 0.012" PIN	25
HPC4114-15	Female, Two holes, 0.015" PIN	25
HPC4114-18	Female, Two holes, 0.018" PIN	25
HPC4114-20	Female, Two holes, 0.020" PIN	25
HPC4115-12	Male, Two holes, 0.012" PIN	25
HPC4115-15	Male, Two holes, 0.015" PIN	25
HPC4115-18	Male, Two holes, 0.018" PIN	25
HPC4115-20	Male, Two holes, 0.020" PIN	25
HPC4116-12	Female, Two holes, 0.012" PIN	25
HPC4116-15	Female, Two holes, 0.015" PIN	25
HPC4116-18	Female, Two holes, 0.018" PIN	25
HPC4116-20	Female, Two holes, 0.020" PIN	25
HPC4117-12	Male, Four holes, 0.012" PIN	25
HPC4117-15	Male, Four holes, 0.015" PIN	25
HPC4117-18	Male, Four holes, 0.018" PIN	25
HPC4117-20	Male, Four holes, 0.020" PIN	25
HPC4118-12	Male, Four holes, 0.012" PIN	26
HPC4118-15	Male, Four holes, 0.015" PIN	26
HPC4118-18	Male, Four holes, 0.018" PIN	26
HPC4118-20	Male, Four holes, 0.020" PIN	26
HPC4119-12	Male, Four holes, 0.012" PIN	26
HPC4119-15	Male, Four holes, 0.015" PIN	26
HPC4119-18	Male, Four holes, 0.018" PIN	26
HPC4119-20	Male, Four holes, 0.020" PIN	26
HPC4120-12	Male, Two holes, 0.012" PIN	26
HPC4120-15	Male, Two holes, 0.015" PIN	26
HPC4120-18	Male, Two holes, 0.018" PIN	26
HPC4120-20	Male, Two holes, 0.020" PIN	26
HPC4121-12	Male, Two holes, 0.012" PIN	26

HPC4121-15	Male, Two holes, 0.015" PIN	26
HPC4121-18	Male, Two holes, 0.018" PIN	26
HPC4121-20	Male, Two holes, 0.020" PIN	26
HPC4122-12	Male, Four holes, 0.012" PIN	27
HPC4122-15	Male, Four holes, 0.015" PIN	27
HPC4122-18	Male, Four holes, 0.018" PIN	27
HPC4122-20	Male, Four holes, 0.020" PIN	27

2.4mm Series Field Replaceable Thread-in Connectors		
P/N	Description	Page No.
HPC4210-12	Female, 0.012" PIN	28
HPC4210-15	Female, 0.015" PIN	28
HPC4210-18	Female, 0.018" PIN	28
HPC4210-20	Female, 0.020" PIN	28

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P/N	Description	Page No.
HPC4310-01	Male, Four holes, Customization	29
HPC4310-02	Male, Four holes, Customization	29
HPC4310-03	Male, Four holes, Customization	29
HPC4311-01	Male, Two holes, Customization	29
HPC4311-02	Male, Two holes, Customization	29
HPC4311-03	Male, Two holes, Customization	29
HPC4312-01	Female, Four holes, Customization	29
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HPC4313-01	Female, Two holes, Customization	29
HPC4313-02	Female, Two holes, Customization	29
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N Series Field Replaceable Flange Connectors		
P/N	Description	Page No.
HPC5110-18	Female, Four holes, 0.018" PIN	31
HPC5110-20	Female, Four holes, 0.020" PIN	31
HPC5110-36	Female, Four holes, 0.036" PIN	31
HPC5111-18	Female, Four holes, 0.018" PIN	31
HPC5111-20	Female, Four holes, 0.020" PIN	31
HPC5111-36	Female, Four holes, 0.036" PIN	31
HPC5112-18	Female, Four holes, 0.018" PIN	31
HPC5112-20	Female, Four holes, 0.020" PIN	31
HPC5112-36	Female, Four holes, 0.036" PIN	31
HPC5113-18	Male, Four holes, 0.018" PIN	31
HPC5113-20	Male, Four holes, 0.020" PIN	31
HPC5113-36	Male, Four holes, 0.036" PIN	31

N Series Bulkhead Flange Connectors		
P/N	Description	Page No.
HPC5210-01	Female, Four holes, 0.05" PIN	32
HPC5210-02	Female, Four holes, 0.05" PIN	32
HPC5210-03	Female, Four holes, 0.05" PIN	32
HPC5210-04	Female, Four holes, 0.05" PIN	32

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P/N	Description	Page No.
HPC6110-12	Female, Four holes, 0.012" PIN	34
HPC6110-15	Female, Four holes, 0.015" PIN	34
HPC6110-18	Female, Four holes, 0.018" PIN	34
HPC6110-20	Female, Four holes, 0.020" PIN	34
HPC6111-12	Female, Four holes, 0.012" PIN	34
HPC6111-15	Female, Four holes, 0.015" PIN	34
HPC6111-18	Female, Four holes, 0.018" PIN	34
HPC6111-20	Female, Four holes, 0.020" PIN	34
HPC6112-12	Female, Four holes, 0.012" PIN	34
HPC6112-15	Female, Four holes, 0.015" PIN	34
HPC6112-18	Female, Four holes, 0.018" PIN	34
HPC6112-20	Female, Four holes, 0.020" PIN	34
HPC6113-12	Female, Two holes, 0.012" PIN	34
HPC6113-15	Female, Two holes, 0.015" PIN	34
HPC6113-18	Female, Two holes, 0.018" PIN	34
HPC6113-20	Female, Two holes, 0.020" PIN	34
HPC6114-12	Female, Two holes, 0.012" PIN	35
HPC6114-15	Female, Two holes, 0.015" PIN	35
HPC6114-18	Female, Two holes, 0.018" PIN	35
HPC6114-20	Female, Two holes, 0.020" PIN	35

HPC6115-12	Female, Two holes, 0.012" PIN	35
HPC6115-15	Female, Two holes, 0.015" PIN	35
HPC6115-18	Female, Two holes, 0.018" PIN	35
HPC6115-20	Female, Two holes, 0.020" PIN	35
HPC6116-12	Female, Two holes, 0.012" PIN	35
HPC6116-15	Female, Two holes, 0.015" PIN	35
HPC6116-18	Female, Two holes, 0.018" PIN	35
HPC6116-20	Female, Two holes, 0.020" PIN	35

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HPA111-03	N/Male-N/Male	37
HPA111-04	N/Female-N/Female(bulkhead)	38
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HPA113-02	3.5mm/Female-3.5mm/Male	40
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HPA114-01	2.92mm/Female-2.92mm/Female	41
HPA114-02	2.92mm/Male-2.92mm/Female	41
HPA114-03	2.92mm/Male-2.92mm/Male	41
HPA114-04	2.92mm/Female-2.92mm/Female	41

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HPA115-01	2.4mm/Female-2.4mm/Female	42
HPA115-02	2.4mm/Male-2.4mm/Female	42
HPA115-03	2.4mm/Male-2.4mm/Male	42
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N-3.5mm Between Series Adapters		
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HPA121-02	N/Male-3.5mm/Female	43
HPA121-03	N/Female-3.5mm/Male	43
HPA121-04	N/Male-3.5mm/Male	43

N-2.92mm Between Series Adapters		
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HPA122-01	N/Female-2.92mm/Female	44
HPA122-02	N/Male-2.92mm/Female	44
HPA122-03	N/Female-2.92mm/Male	44
HPA122-04	N/Male-2.92mm/Male	44

N-2.4mm Between Series Adapters		
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HPA123-03	N/Female-2.4mm/Male	45
HPA123-04	N/Male-2.4mm/Male	45

N-TNC Between Series Adapters		
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HPA124-02	N/Male-TNC/Female	46
HPA124-03	N/Female-TNC/Male	46
HPA124-04	N/Male-TNC/Male	46

N-SMA Between Series Adapters		
P/N	Description	Page No.
HPA125-01	N/Female-SMA/Female	47
HPA125-02	N/Male-SMA/Female	47
HPA125-03	N/Female-SMA/Male	47
HPA125-04	N/Male-SMA/Male	48
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HPA131-03	3.5mm/Female-2.92mm/Male	49
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HPA131-05	3.5mm/Female-2.92mm/Female (Flange)	50

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HPA132-02	3.5mm/Male-2.4mm/Female	51
HPA132-03	3.5mm/Female-2.4mm/Male	51
HPA132-04	3.5mm/Male-2.4mm/Male	51

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P/N	Description	Page No.
HPA151-01	2.92mm/Female-2.4mm/Female	52
HPA151-02	2.92mm/Male-2.4mm/Female	52
HPA151-03	2.92mm/Female-2.4mm/Male	52
HPA151-04	2.92mm/Male-2.4mm/Male	52

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P/N	Description	Page No.
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HPA152-03	2.92mm/Female-SMA/Male	53
HPA152-04	2.92mm/Male-SMA/Male	53

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HPA161-02	2.4mm/Male-SMA/Female	54
HPA161-03	2.4mm/Female-SMA/Male	54
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HPA171-01	TNC/Female-SMA/Female	55
HPA171-02	TNC/Male-SMA/Female	55
HPA171-03	TNC/Female-SMA/Male	55
HPA171-04	TNC/Male-SMA/Male	55

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HPA191-01	N/Male-N/Female	57
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HPA191-03	SMA/Male(Φ 0.43")-SMA/Female	57

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