

1.85mm Connector Series

Performance Features

Nominal Impedance: 50ohm

Frequency Range: DC-65GHz

VSWR: DC-65GHz... 1.25:1 max

Durability: 500 cycles

Operating Temperature: -55°C ~ +165°C

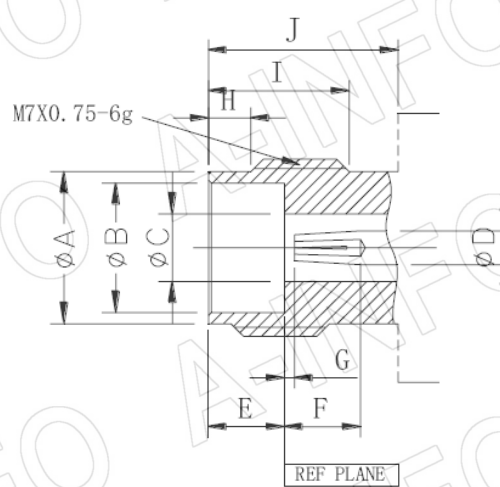
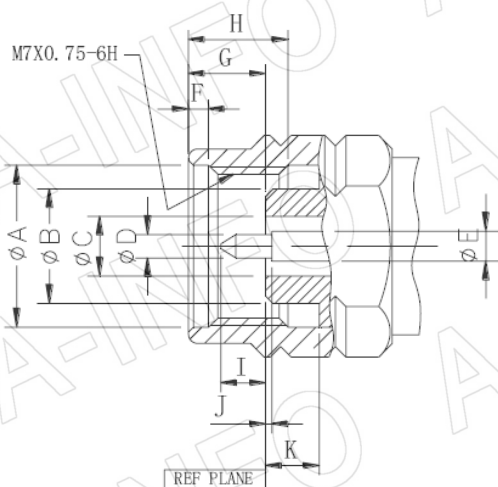
Materials/Finishes

Housing: Type 303 Stainless steel-Polished & Passivated

Center Contact: Beryllium Copper, Plated Gold (MIL-G-45204)

Insulators: PEI

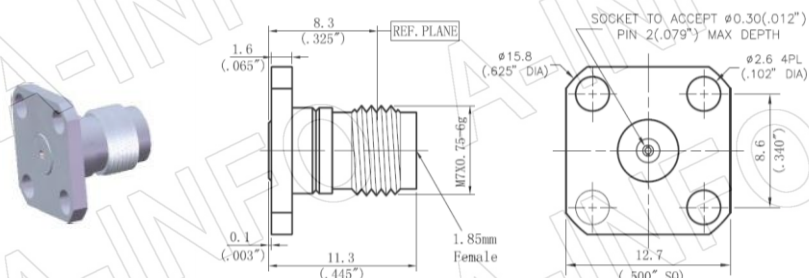
Interfaces: IEC-61169



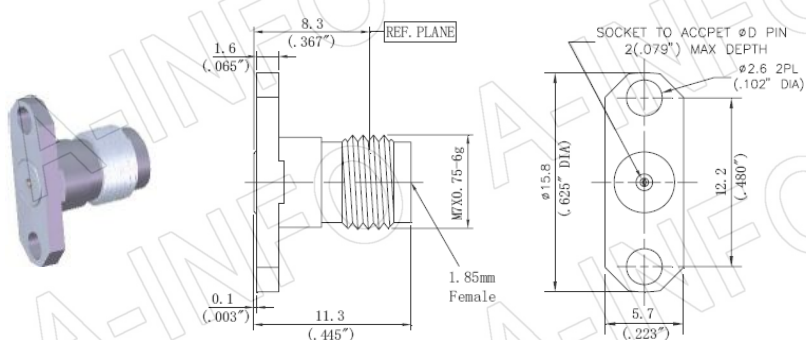
1.85mm Male				
	mm		Inch	
	Min	Max	Min	Max
A	7.01	7.11	0.276	0.280
B	4.72	4.75	0.186	0.187
C	1.84	1.86	0.07233	0.0733
D	0.50	0.52	0.0196	0.0206
E	0.79	0.82	0.0311	0.0321
F	0.51	0.76	0.020	0.030
G	1.85	2.45	0.073	0.096
H	4.37	4.62	0.172	0.182
I	1.35	1.45	0.053	0.057
J	--	0.08	--	0.003
K	3.38	3.48	0.133	0.137

1.85mm Female				
	mm		Inch	
	Min	Max	Min	Max
A	5.79	5.89	0.228	0.232
B	4.77	4.80	0.1878	0.1888
C	1.84	1.86	0.07233	0.07333
D	0.79	0.82	0.0311	0.0321
E	3.00	3.10	0.118	0.122
F	2.64	--	0.104	--
G	--	0.08	--	0.003
H	1.37	1.63	0.054	0.064
I	4.80	5.05	0.189	0.199
J	6	--	0.236	--

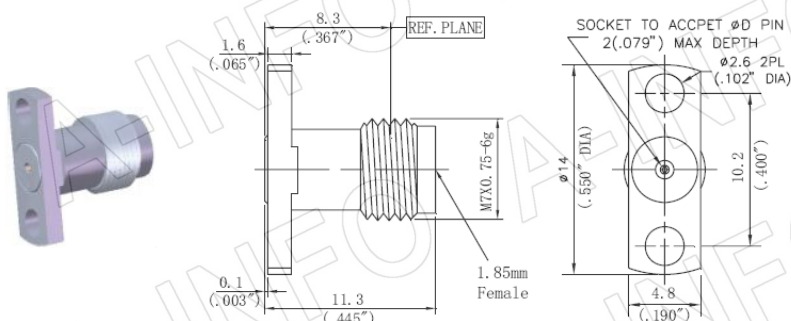
1.85mm Series Field Replaceable Flange Connectors



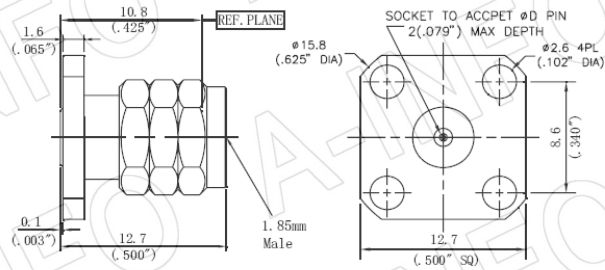
P/N	D
HPC7110-09	0.009inch/0.23mm
HPC7110-12	0.012inch/0.30mm



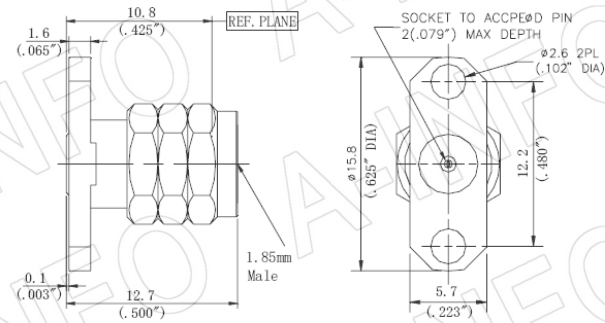
P/N	D
HPC7111-09	0.009inch/0.23mm
HPC7111-12	0.012inch/0.30mm



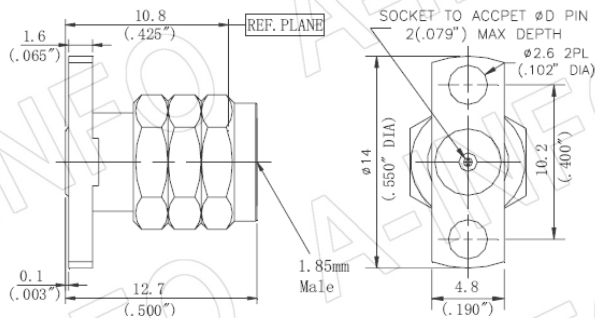
P/N	D
HPC7112-09	0.009inch/0.23mm
HPC7112-12	0.012inch/0.30mm



P/N	D
HPC7113-09	0.009inch/0.23mm
HPC7113-12	0.012inch/0.30mm

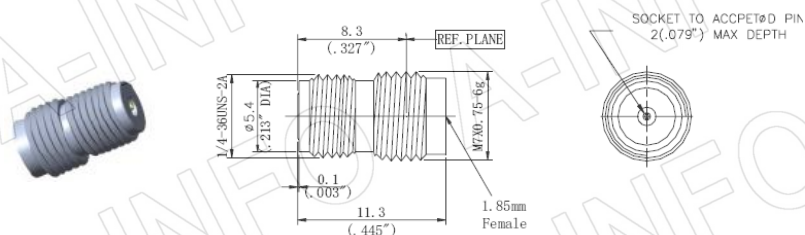


P/N	D
HPC7114-09	0.009inch/0.23mm
HPC7114-12	0.012inch/0.30mm

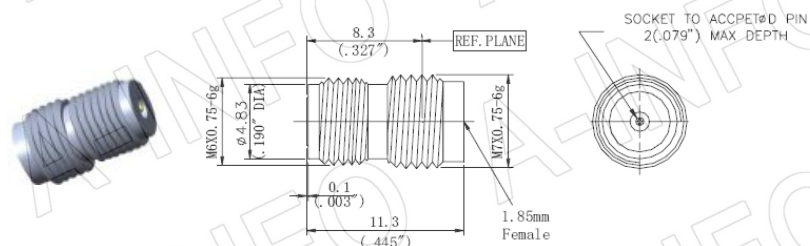


P/N	D
HPC7115-09	0.009inch/0.23mm
HPC7115-12	0.012inch/0.30mm

1.85mm Series Remove Screw Thread Connector



P/N	D
HPC7210-09	0.009inch/0.23mm
HPC7210-12	0.012inch/0.30mm



P/N	D
HPC7211-09	0.009inch/0.23mm
HPC7211-12	0.012inch/0.30mm