

2.92mm Connector Series

Performance Features

Nominal Impedance	50ohm
Frequency Range	DC-40GHz
VSWR:DC-40GHz...	1.15:1 max
Durability	500cycles
Operating Temperature	-55°C ~ +165°C

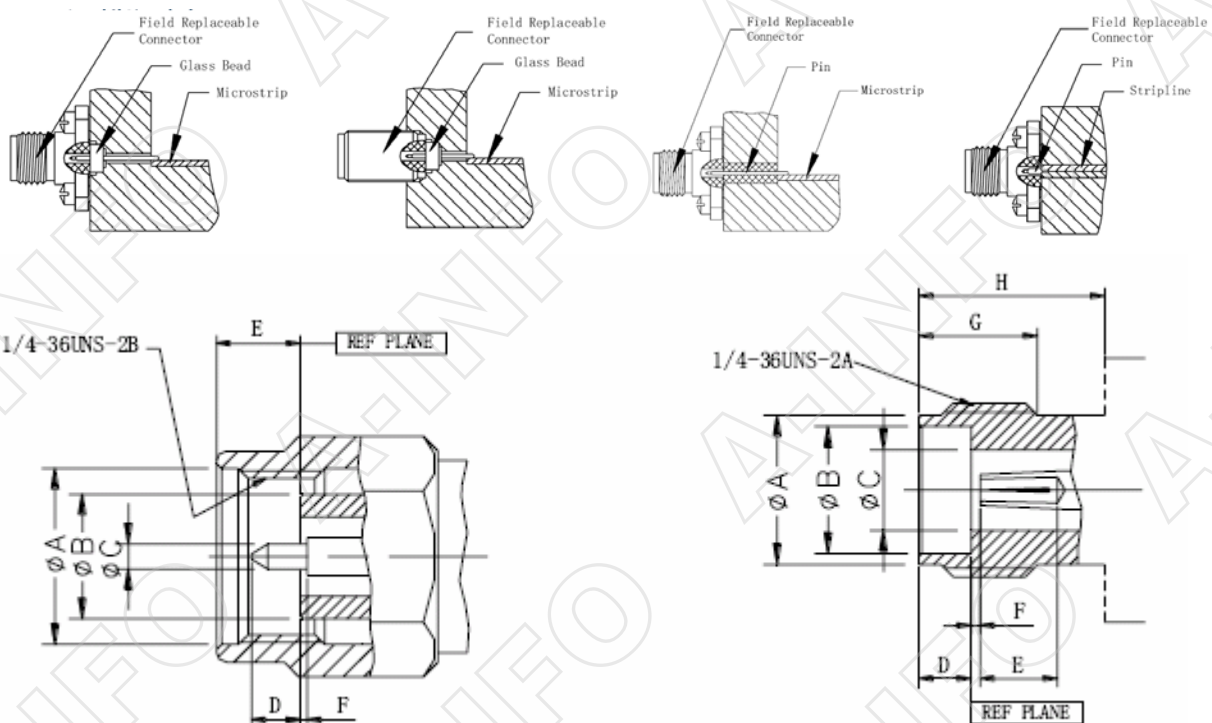
Materials/Finishes

Housing: Type 303 Stainless Steel-Polished&Passivated

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

Insulators: PEI or PEI&PTFE

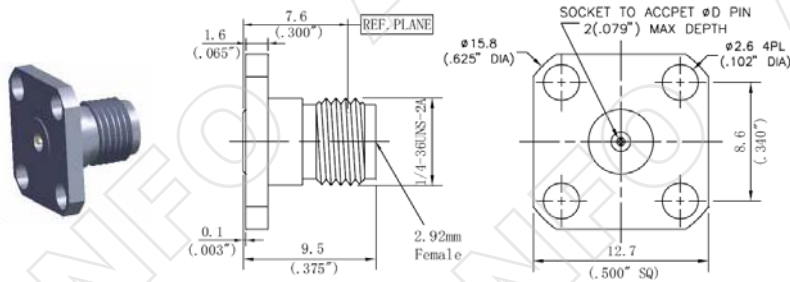
Interfaces: PER MIL-STD-348A



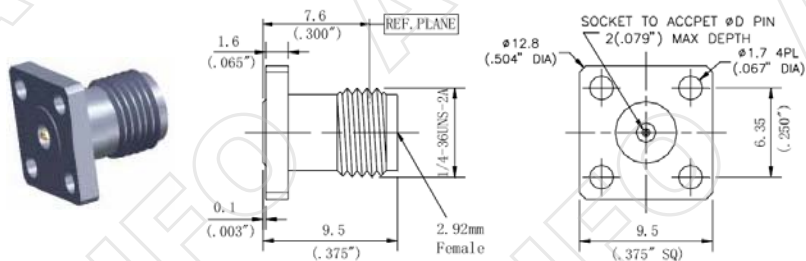
2.92mm Male				
	mm		Inch	
	Min	Max	Min	Max
A	6.48	-	0.255	-
B	4.52	4.57	0.178	0.180
C	0.90	0.94	0.0355	0.0370
D	1.40	1.65	0.055	0.065
E	-	3.43	-	0.135
F	0.00	0.13	0.000	0.005

2.92mm Female				
	mm		Inch	
	Min	Max	Min	Max
A	5.23	5.44	0.206	0.214
B	4.60	4.65	0.181	0.183
C	2.90	2.95	0.114	0.116
D	1.88	1.98	0.074	0.078
E	2.67	-	0.105	-
F	0.00	0.13	0.000	0.005
G	4.32	-	0.170	-
H	5.54	-	0.218	-

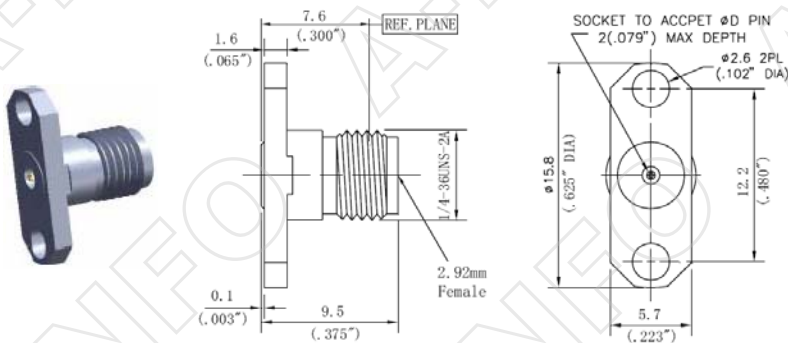
2.92mm Series Field Replaceable Flange Connectors



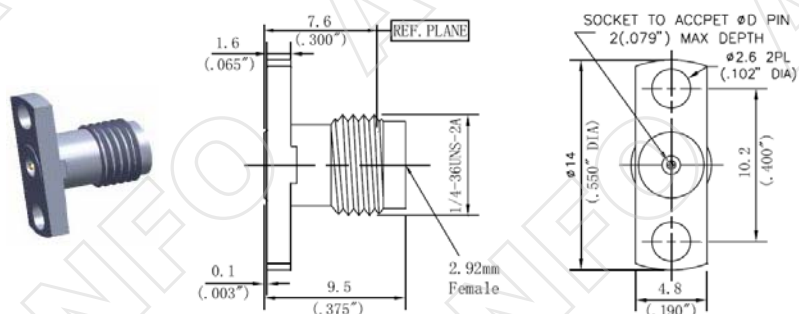
P/N	D
HPC3110-09	0.009inch/0.23mm
HPC3110-12	0.012inch/0.30mm
HPC3110-15	0.015inch/0.38mm
HPC3110-20	0.020inch/0.51mm



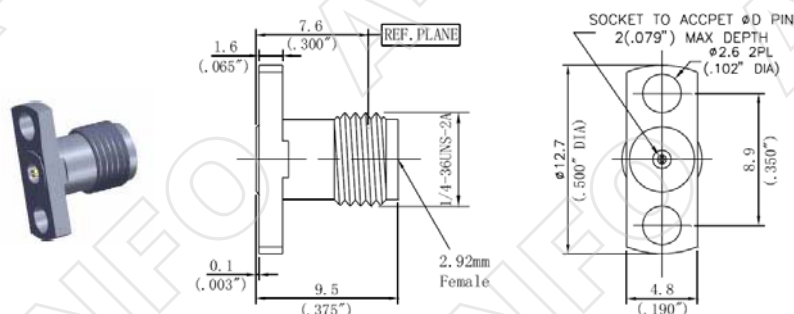
P/N	D
HPC3111-09	0.009inch/0.23mm
HPC3111-12	0.012inch/0.30mm
HPC3111-15	0.015inch/0.38mm
HPC3111-20	0.020inch/0.51mm



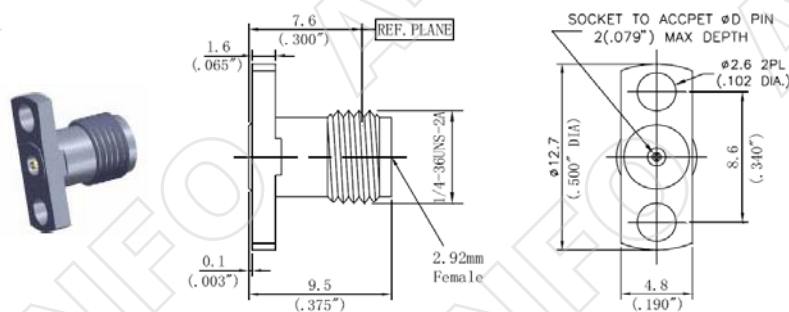
P/N	D
HPC3113-09	0.009inch/0.23mm
HPC3113-12	0.012inch/0.30mm
HPC3113-15	0.015inch/0.38mm
HPC3113-20	0.020inch/0.51mm



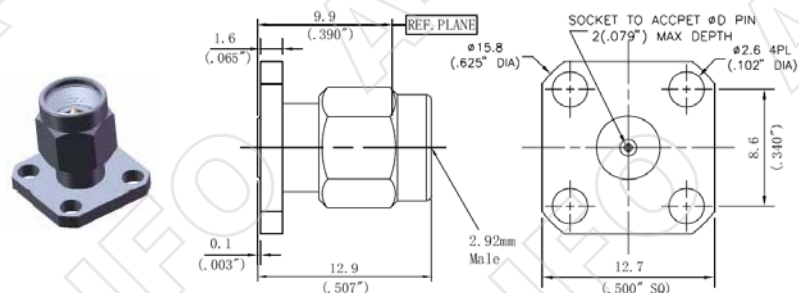
P/N	D
HPC3114-09	0.009inch/0.23mm
HPC3114-12	0.012inch/0.30mm
HPC3114-15	0.015inch/0.38mm
HPC3114-20	0.020inch/0.51mm



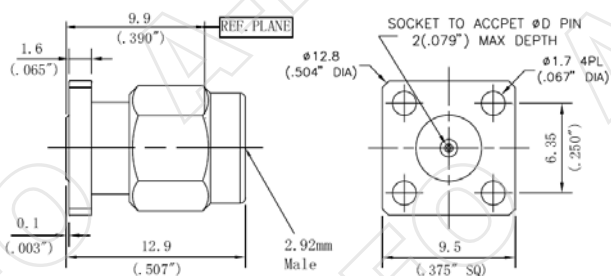
P/N	D
HPC3115-09	0.009inch/0.23mm
HPC3115-12	0.012inch/0.30mm
HPC3115-15	0.015inch/0.38mm
HPC3115-20	0.020inch/0.51mm



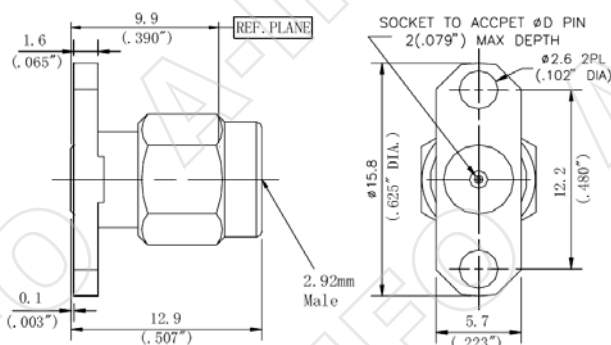
P/N	D
HPC3116-09	0.009inch/0.23mm
HPC3116-12	0.012inch/0.30mm
HPC3116-15	0.015inch/0.38mm
HPC3116-20	0.020inch/0.51mm



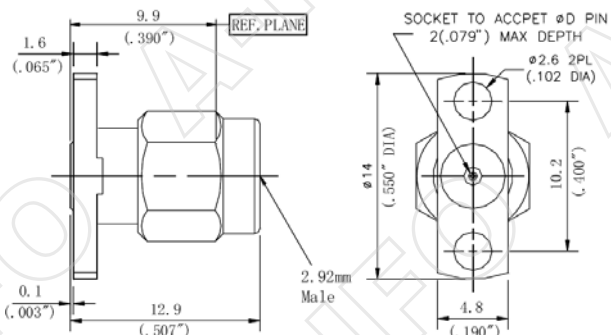
P/N	D
HPC3117-09	0.009inch/0.23mm
HPC3117-12	0.012inch/0.30mm
HPC3117-15	0.015inch/0.38mm
HPC3117-20	0.020inch/0.51mm



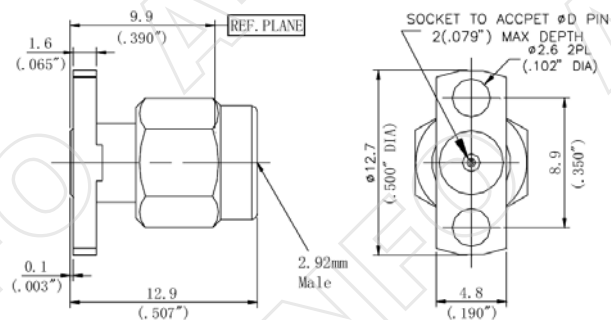
P/N	D
HPC3118-09	0.009inch/0.23mm
HPC3118-12	0.012inch/0.30mm
HPC3118-15	0.015inch/0.38mm
HPC3118-20	0.020inch/0.51mm



P/N	D
HPC3120-09	0.009inch/0.23mm
HPC3120-12	0.012inch/0.30mm
HPC3120-15	0.015inch/0.38mm
HPC3120-20	0.020inch/0.51mm

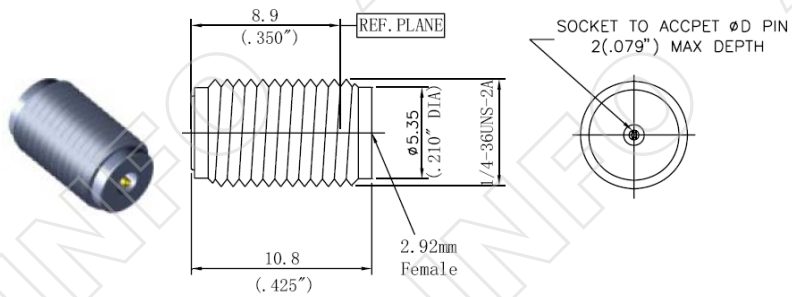


P/N	D
HPC3121-09	0.009inch/0.23mm
HPC3121-12	0.012inch/0.30mm
HPC3121-15	0.015inch/0.38mm
HPC3121-20	0.020inch/0.51mm



P/N	D
HPC3122-09	0.009inch/0.23mm
HPC3122-12	0.012inch/0.30mm
HPC3122-15	0.015inch/0.38mm
HPC3122-20	0.020inch/0.51mm

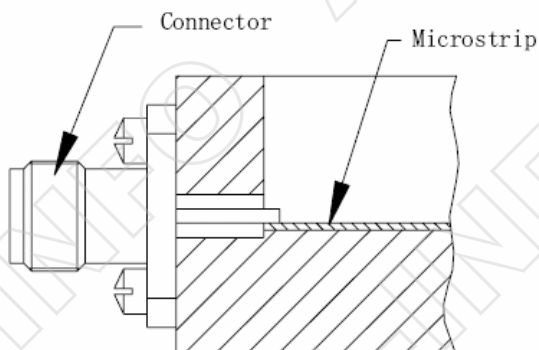
2.92mm Series Field Replaceable Thread-in Connector



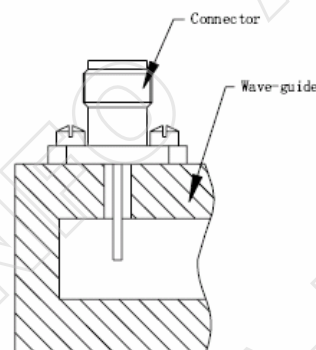
P/N	D
HPC3211-09	0.009inch/0.23mm
HPC3211-12	0.012inch/0.30mm
HPC3211-15	0.015inch/0.38mm
HPC3211-20	0.020inch/0.51mm

2.92mm Series Bunt Post Contact Connectors

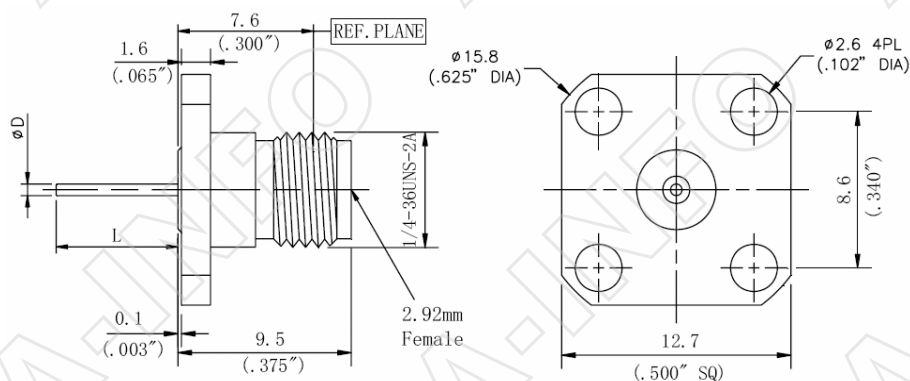
Application



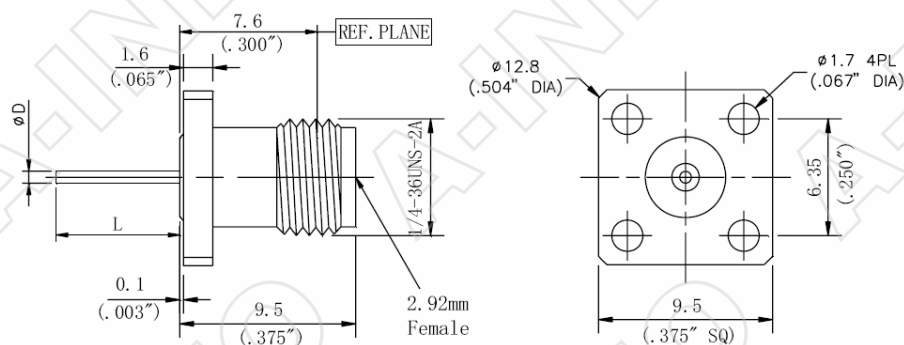
Type 1. Microstrip



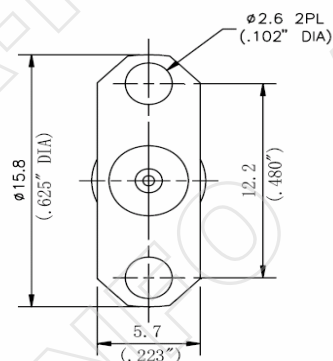
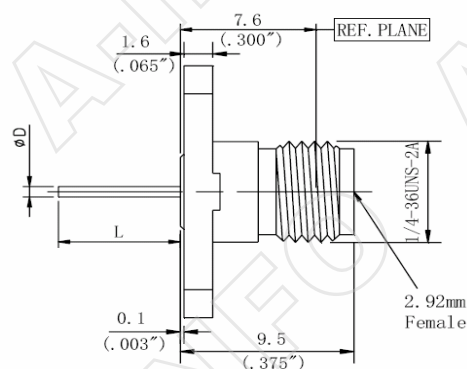
Type 2. Waveguide



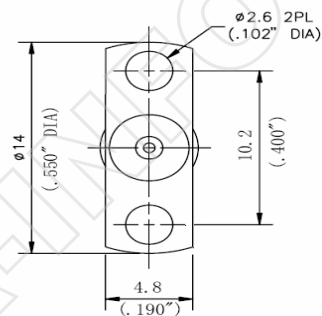
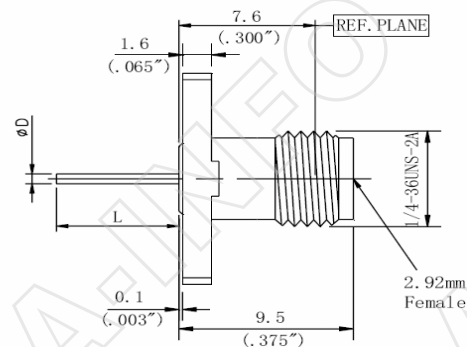
P/N	D	L
HPC3312-11	0.64mm/0.025inch	10.92mm/0.43inch
HPC3312-12	0.64mm/0.025inch	6.84mm/0.269inch
HPC3312-13	0.30mm/0.012inch	7mm/0.276inch



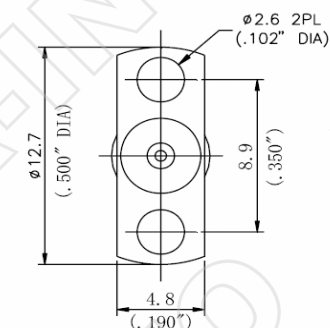
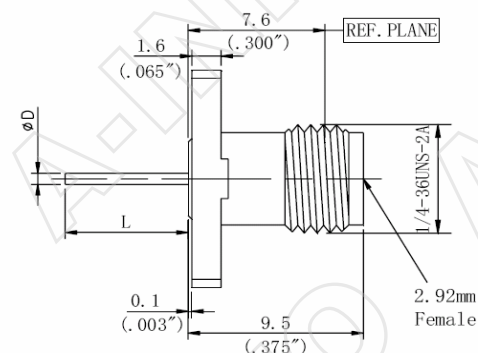
P/N	D	L
HPC3312-21	0.64mm/0.025inch	10.92mm/0.43inch
HPC3312-22	0.64mm/0.025inch	6.84mm/0.269inch
HPC3312-23	0.30mm/0.012inch	7mm/0.276inch



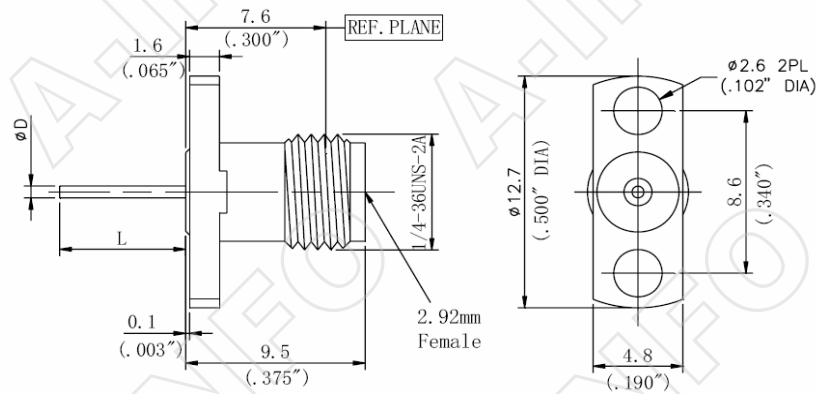
P/N	D	L
HPC3313-11	0.64mm/0.025inch	10.92mm/0.43inch
HPC3313-12	0.64mm/0.025inch	6.84mm/0.269inch
HPC3313-13	0.30mm/0.012inch	7mm/0.276inch



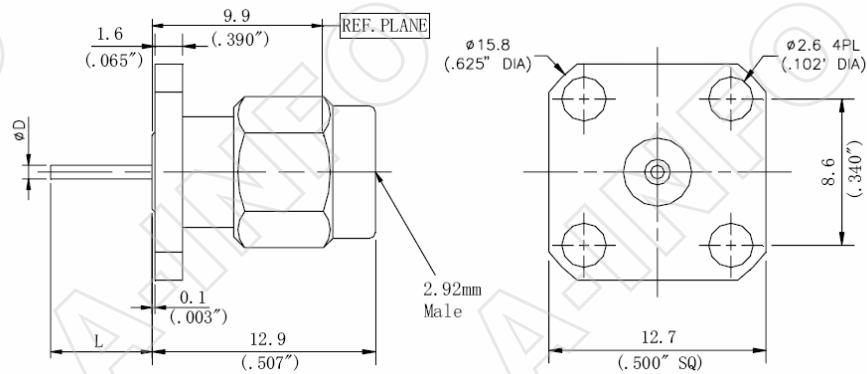
P/N	D	L
HPC3313-21	0.64mm/0.025inch	10.92mm/0.43inch
HPC3313-22	0.64mm/0.025inch	6.84mm/0.269inch
HPC3313-23	0.30mm/0.012inch	7mm/0.276inch



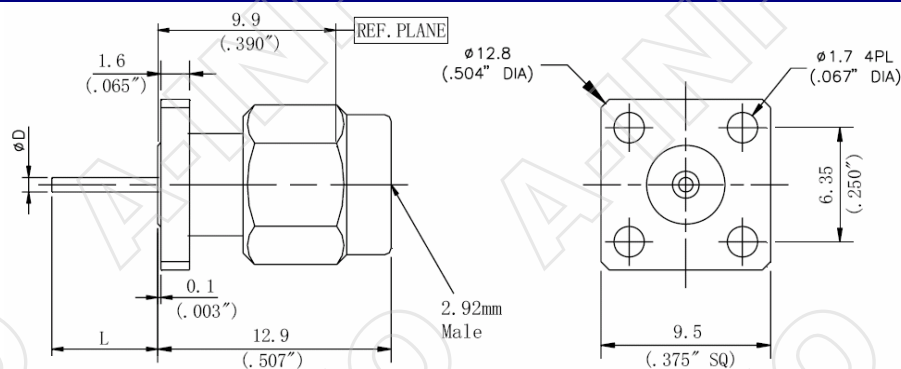
P/N	D	L
HPC3313-31	0.64mm/0.025inch	10.92mm/0.43inch
HPC3313-32	0.64mm/0.025inch	6.84mm/0.269inch
HPC3313-33	0.30mm/0.012inch	7mm/0.276inch



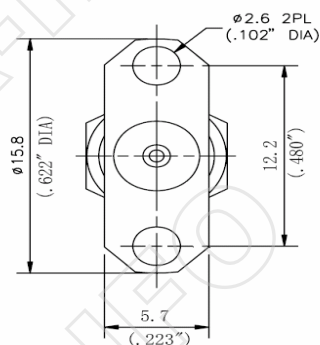
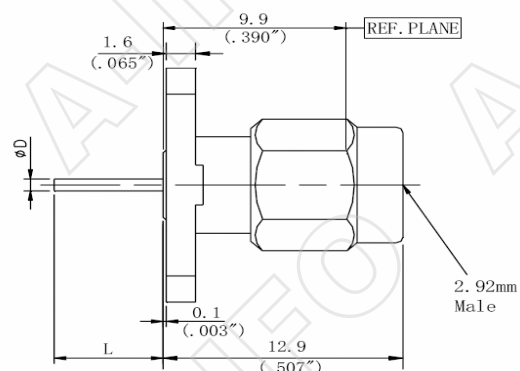
P/N	D	L
HPC3313-41	0.64mm/0.025inch	10.92mm/0.43inch
HPC3313-42	0.64mm/0.025inch	6.84mm/0.269inch
HPC3313-43	0.30mm/0.012inch	7mm/0.276inch



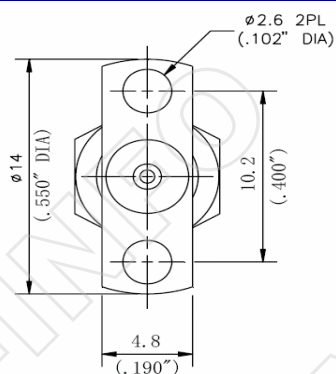
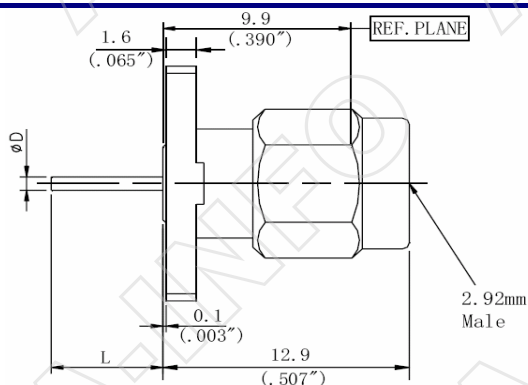
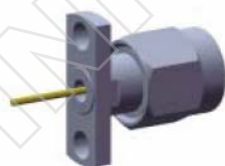
P/N	D	L
HPC3310-01	0.64mm/0.025inch	10.92mm/0.43inch
HPC3310-02	0.64mm/0.025inch	6.84mm/0.269inch



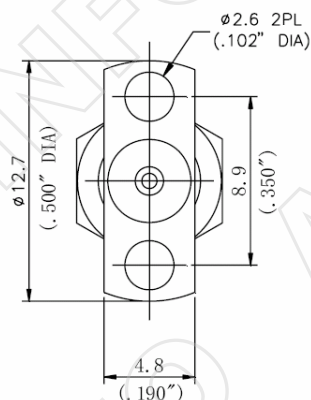
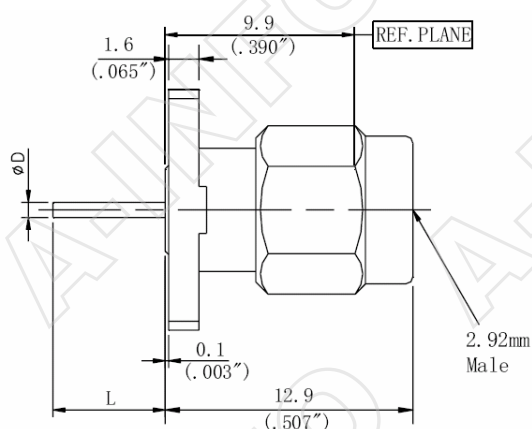
P/N	D	L
HPC3310-21	0.64mm/0.025inch	10.92mm/0.43inch
HPC3310-22	0.64mm/0.025inch	6.84mm/0.269inch



P/N	D	L
HPC3311-11	0.64mm/0.025inch	10.92mm/0.43inch
HPC3311-12	0.64mm/0.025inch	6.84mm/0.269inch

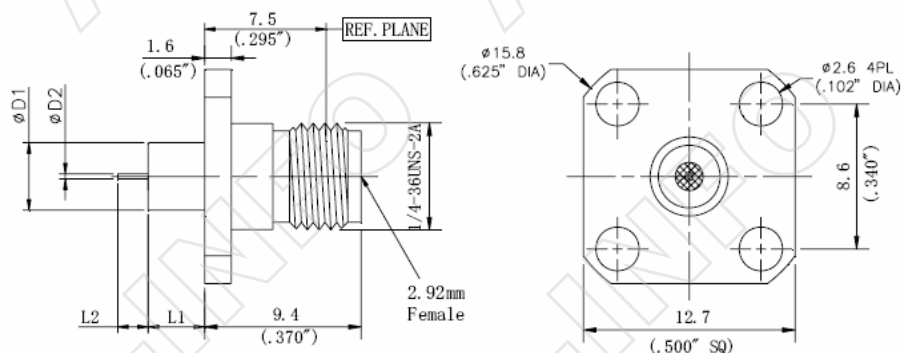


P/N	D	L
HPC3311-21	0.64mm/0.025inch	10.92mm/0.43inch
HPC3311-22	0.64mm/0.025inch	6.84mm/0.269inch

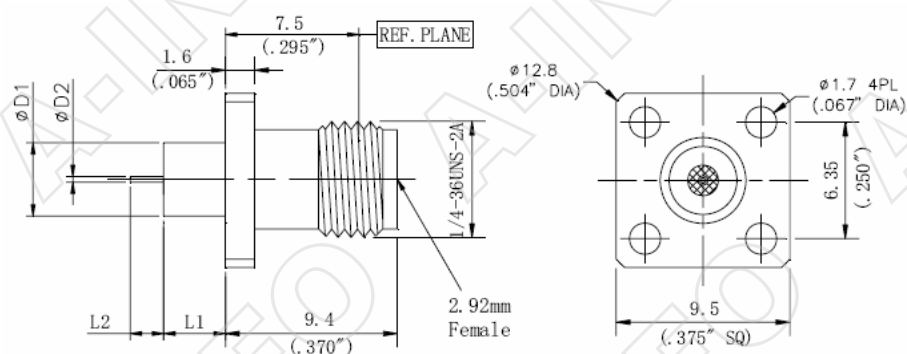


P/N	D	L
HPC3311-31	0.64mm/0.025inch	10.92mm/0.43inch
HPC3311-32	0.64mm/0.025inch	6.84mm/0.269inch

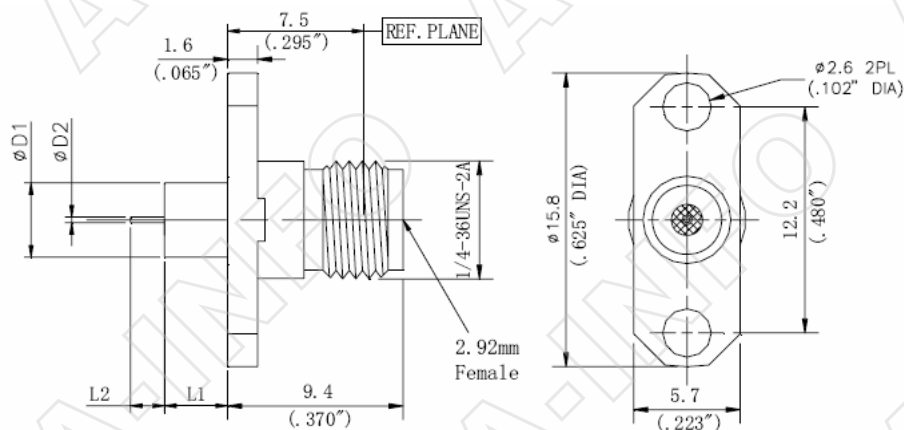
2.92mm Series Round Contact Connectors



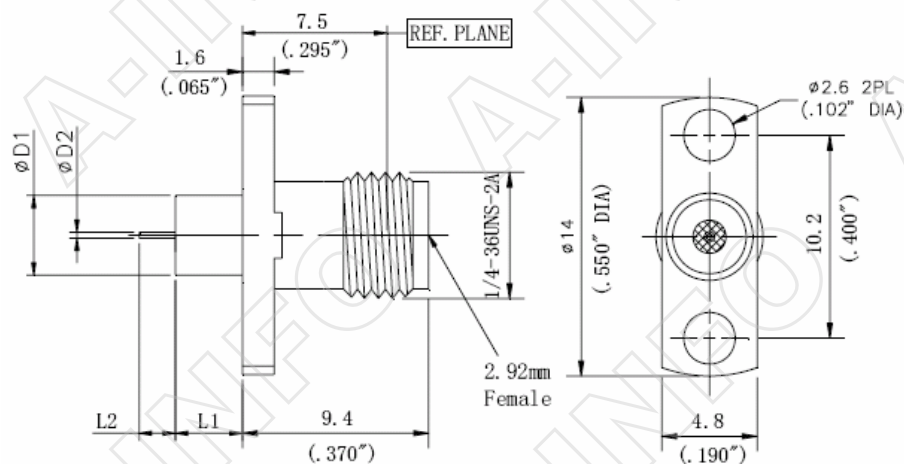
P/N	D1	D2	L1	L2
HPC3314-01	4mm/0.158inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3314-02	4mm/0.158inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch



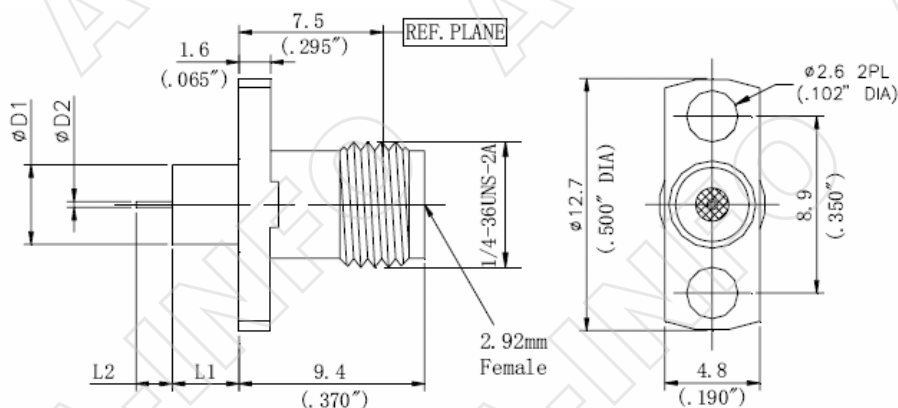
P/N	D1	D2	L1	L2
HPC3315-01	4mm/0.158inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3315-02	4mm/0.158inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch



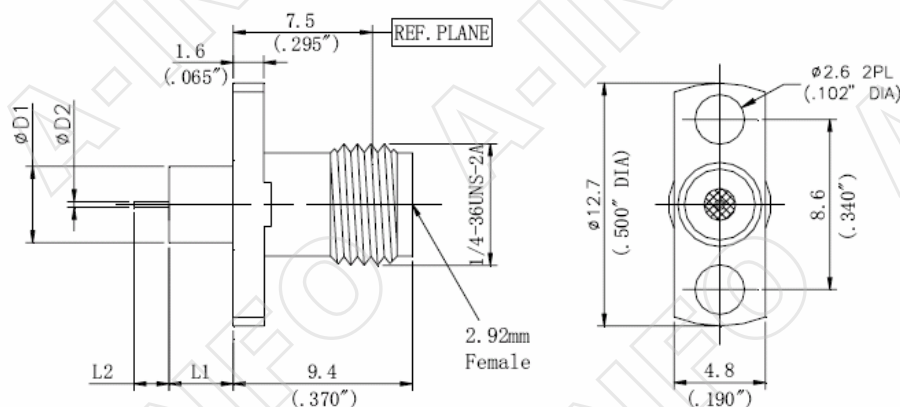
P/N	D1	D2	L1	L2
HPC3316-01	4mm/0.158inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3316-02	4mm/0.158inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch



P/N	D1	D2	L1	L2
HPC3317-01	4mm/0.158inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3317-02	4mm/0.158inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch

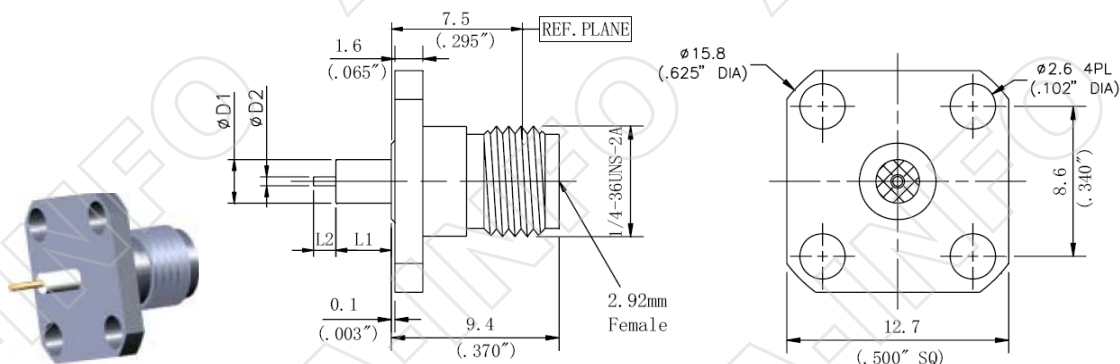


P/N	D1	D2	L1	L2
HPC3318-01	4mm/0.158inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3318-02	4mm/0.158inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch

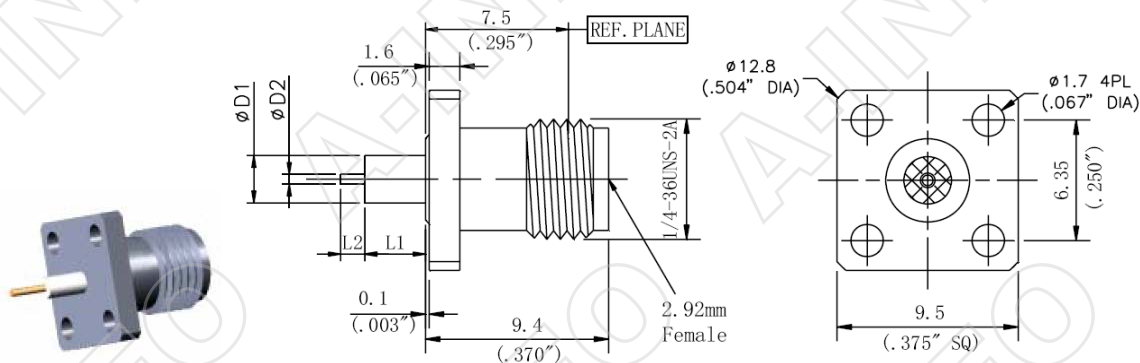


P/N	D1	D2	L1	L2
HPC3319-01	4mm/0.158inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3319-02	4mm/0.158inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch

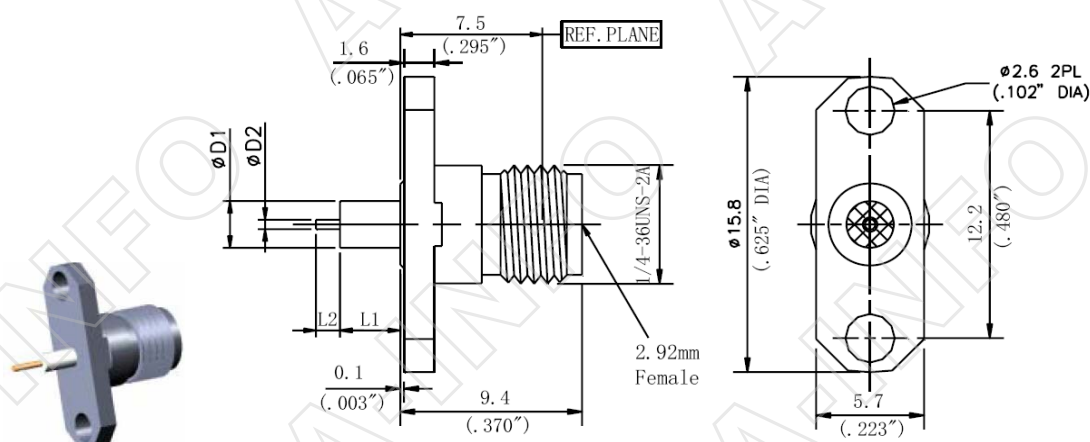
2.92mm Series Exposed Teflon Connectors



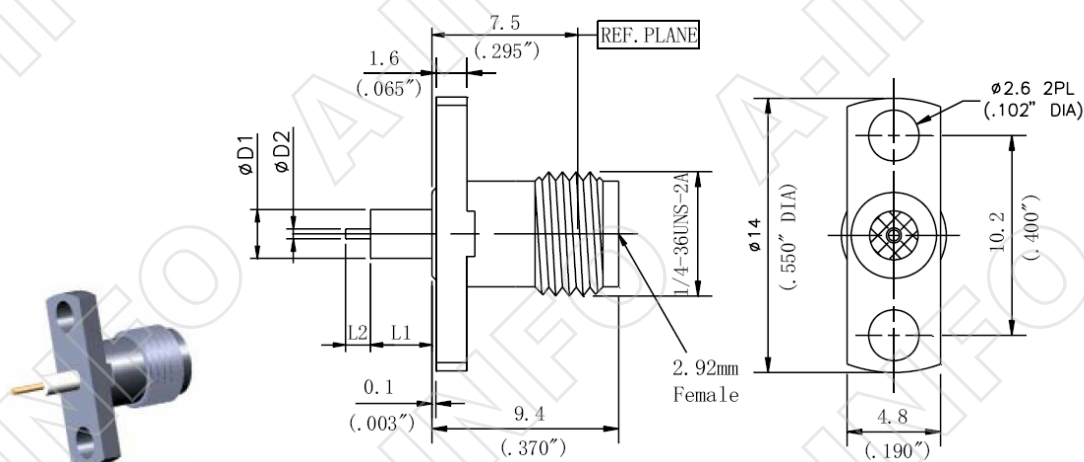
P/N	D1	D2	L1	L2
HPC3320-01	1.67mm/0.066inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3320-02	1.67mm/0.066inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch



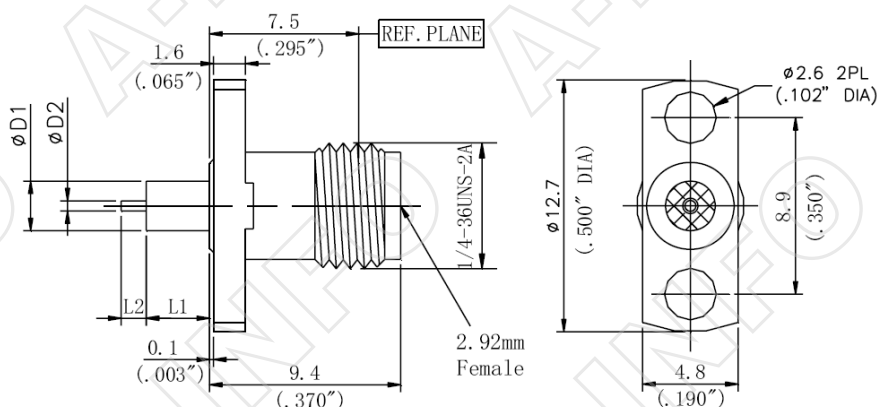
P/N	D1	D2	L1	L2
HPC3321-01	1.67mm/0.066inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3321-02	1.67mm/0.066inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch



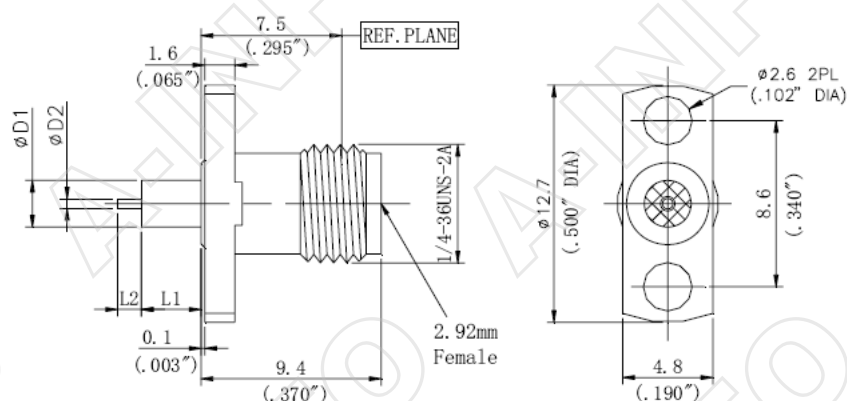
P/N	D1	D2	L1	L2
HPC3322-01	1.67mm/0.066inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3322-02	1.67mm/0.066inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch



P/N	D1	D2	L1	L2
HPC3323-01	1.67mm/0.066inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3323-02	1.67mm/0.066inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch

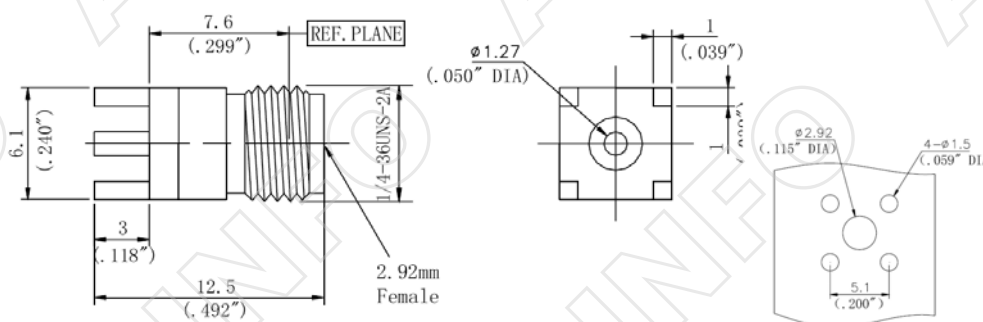
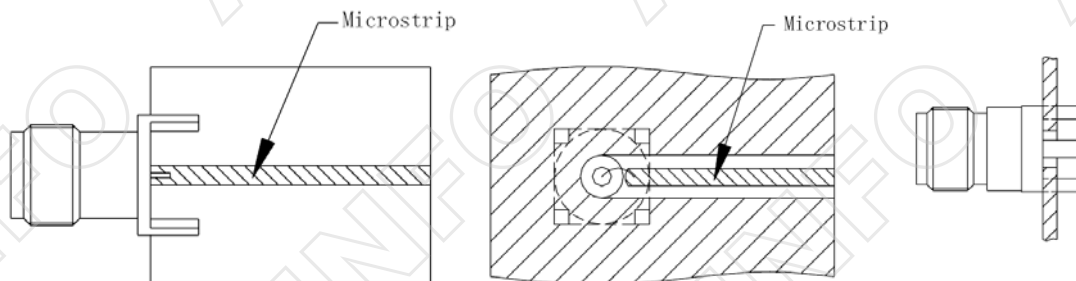


P/N	D1	D2	L1	L2
HPC3324-01	1.67mm/0.066inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3324-02	1.67mm/0.066inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch



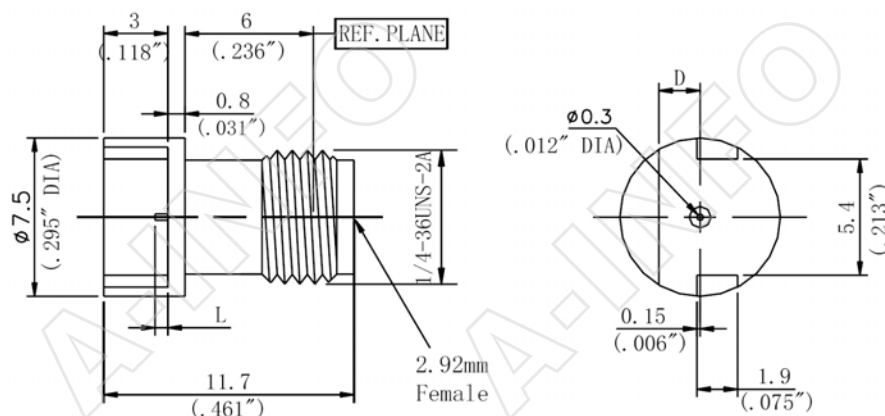
P/N	D1	D2	L1	L2
HPC3325-01	1.67mm/0.066inch	0.3mm/0.012inch	1.4mm/0.055inch	1.5mm/0.059inch
HPC3325-02	1.67mm/0.066inch	0.3mm/0.012inch	3mm/0.118inch	1.5mm/0.059inch

2.92mm Series PCB Connectors



P/N

HPC3410-01



P/N	D	L	Thickness of Board
HPC3411-01	1.93mm/0.076inch	0.6mm/0.023inch	1.78mm/0.070inch
HPC3411-02	0.76mm/0.030inch	0.6mm/0.023inch	0.61mm/0.024inch
HPC3411-03	1.02mm/0.04inch	0.6mm/0.023inch	0.87mm/0.034inch

2.92mm Series Stripline Receptacle Connectors

