



...A Vital Part of Connection World

High Frequency RF Coaxial Connectors Catalog

2.4mm

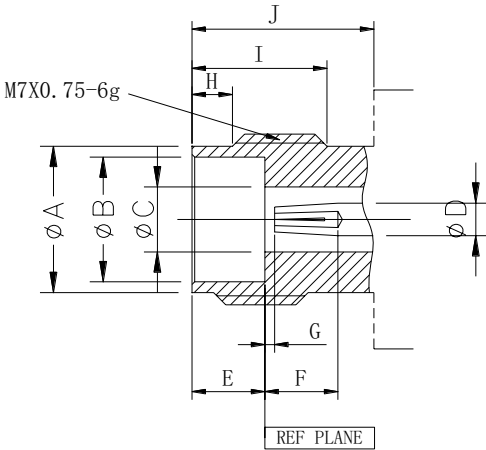
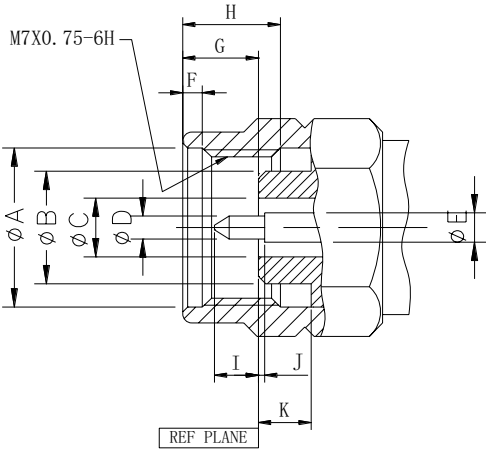


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Web: www.cmpter.com

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2.4mm INTERFACE



2.4mm 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	2.39	2.41	0.094	0.095
D	0.50	0.52	0.0196	0.0206
E	1.03	1.05	0.0405	0.0415
F	0.51	0.76	0.020	0.030
G	1.85	2.67	0.073	0.105
H	4.37	4.65	0.172	0.183
I	1.35	1.45	0.053	0.057
J	—	0.08	—	0.003
K	3.40	3.51	0.134	0.138

2.4mm 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	2.39	2.41	0.094	0.095
D	1.03	1.05	0.0406	0.0414
E	3.00	3.10	0.118	0.122
F	2.65	—	0.1043	—
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	—	0.2362	—

Interface dimensions conformable to the standards: IEEE STD 287-2007

TECHNICAL DATA



ELECTRICAL DATA	
Impedance	50 Ohm
Frequency range	DC — 50GHz
Dielectric withstanding voltage	750V
Insulation resistance	$\geq 3 \times 1000 \text{ M}\Omega$
Contact resistance	inter contact $\leq 3 \text{ m}\Omega$ out contact $\leq 2.0 \text{ m}\Omega$
VSWR max.	1.15 : 1

MECHANICAL DATA	
Base material	
Centercontact	Copper Beryllium Alloy, Gold-pated
Body	Stainless Steel, Passivated
Insulator	PEI, PTFE
Durability(matings)	≥ 500

ENVIRONMENTAL	
Temperature Range	-55 °C to + 165 °C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	Saltspray test acc.to MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D

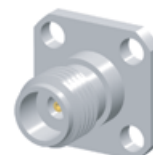
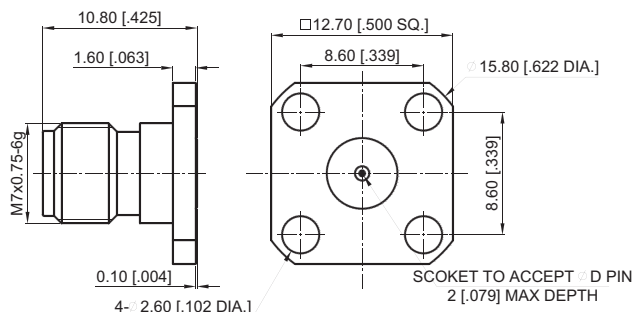
RECEPTACLES WITH ACCEPTS PIN



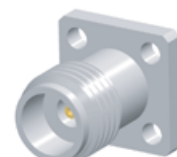
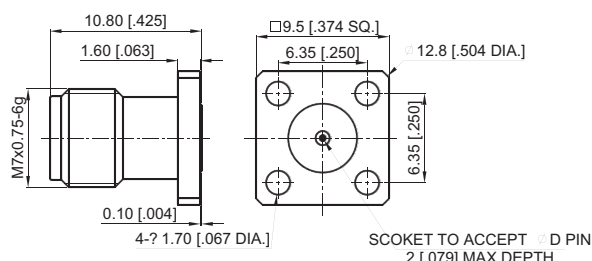
Receptacles, jacks (female), Flange Mount



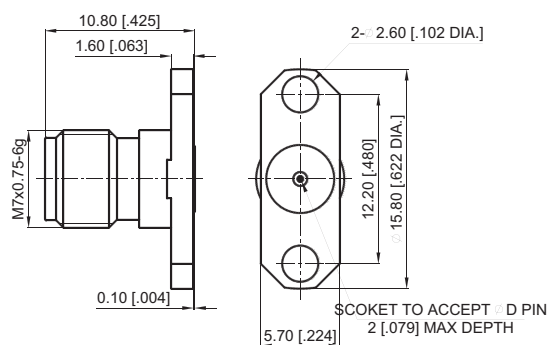
Part Number	Ø D PIN
97-02-9F5-001A	0.23 [.009]
97-02-9F5-001B	0.30 [.012]
97-02-9F5-001C	0.51 [.020]



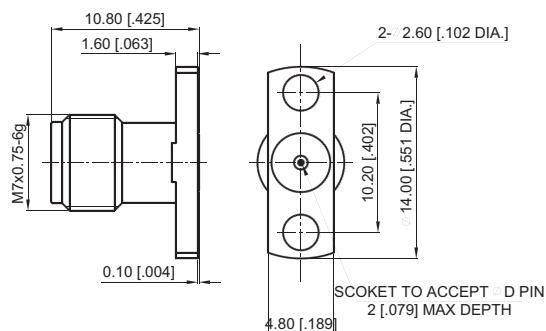
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97-02-9F5-002C	0.51 [.020]



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97-02-9E5-003A	0.23 [.009]
97-02-9E5-003B	0.30 [.012]
97-02-9E5-003C	0.51 [.020]



Part Number	Ø D PIN
97-02-9E5-004A	0.23 [.009]
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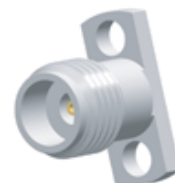
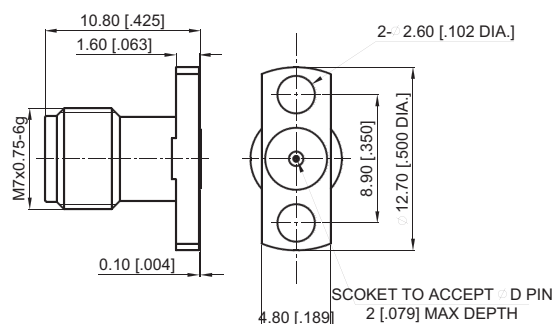
RECEPTACLES WITH ACCEPTS PIN



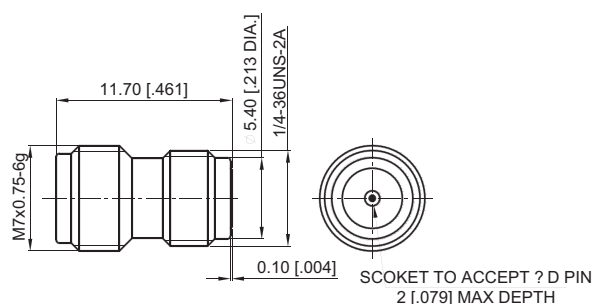
Receptacles, jacks (female), Flange Mount



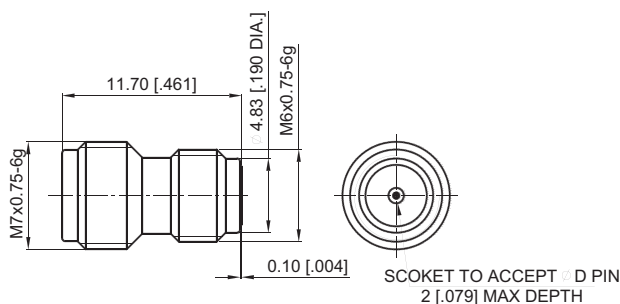
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97-02-9E5-005A	0.23 [.009]
97-02-9E5-005B	0.30 [.012]
97-02-9E5-005C	0.51 [.020]



Part Number	Ø D PIN
97-02-9A5-006A	0.23 [.009]
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97-02-9A5-006C	0.51 [.020]

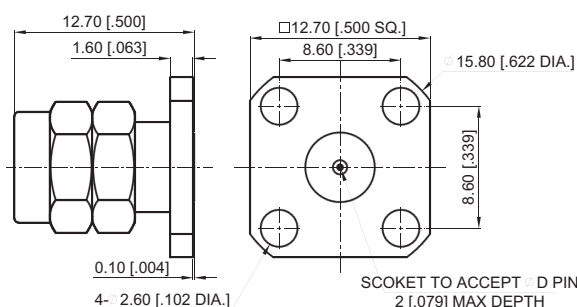


Part Number	Ø D PIN
97-02-9A5-007A	0.23 [.009]
97-02-9A5-007B	0.30 [.012]
97-02-9A5-007C	0.51 [.020]



Receptacles, plugs (male), Flange Mount

Part Number	Ø D PIN
97-03-9F5-008A	0.23 [.009]
97-03-9F5-008B	0.30 [.012]
97-03-9F5-008C	0.51 [.020]



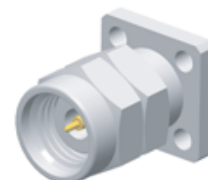
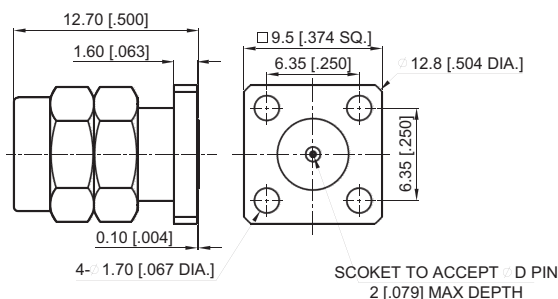
RECEPTACLES WITH ACCEPTS PIN



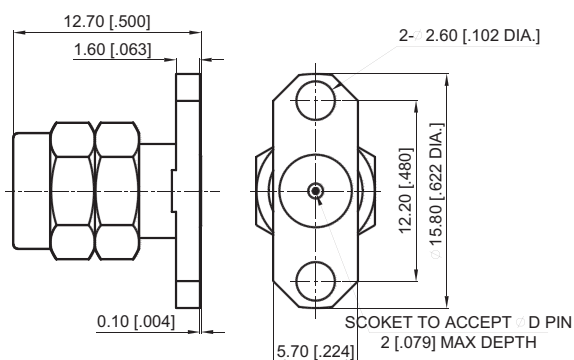
Receptacles, plugs (male), Flange Mount



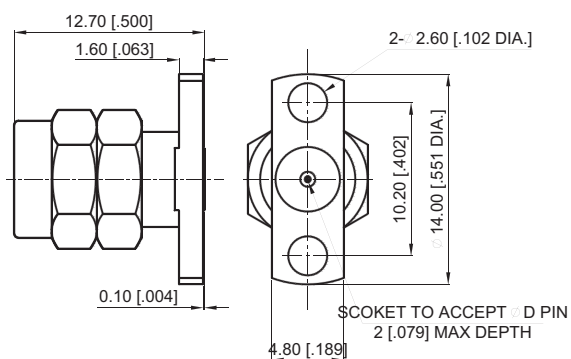
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97-03-9F5-009C	0.51 [.020]



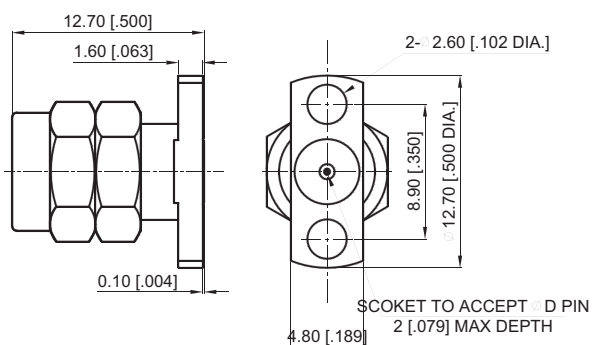
Part Number	Ø D PIN
97-03-9E5-010A	0.23 [.009]
97-03-9E5-010B	0.30 [.012]
97-03-9E5-010C	0.51 [.020]



Part Number	Ø D PIN
97-03-9E5-011A	0.23 [.009]
97-03-9E5-011B	0.30 [.012]
97-03-9E5-011C	0.51 [.020]



Part Number	Ø D PIN
97-03-9E5-012A	0.23 [.009]
97-03-9E5-012B	0.30 [.012]
97-03-9E5-012C	0.51 [.020]



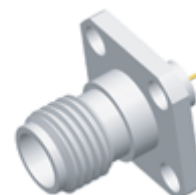
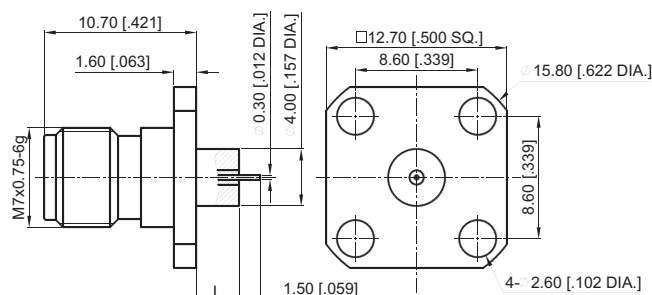
RECEPTACLES, METAL THROUGH THE WALL



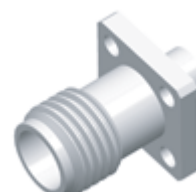
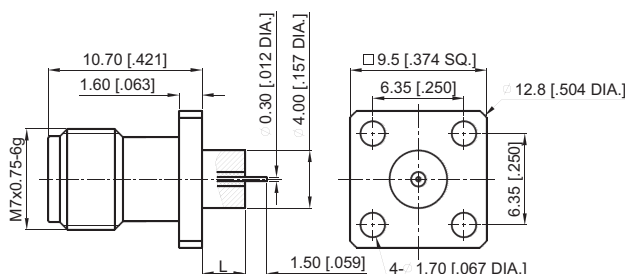
Receptacles, jacks (female), Flange Mount



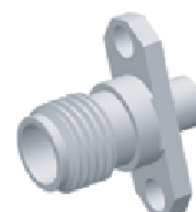
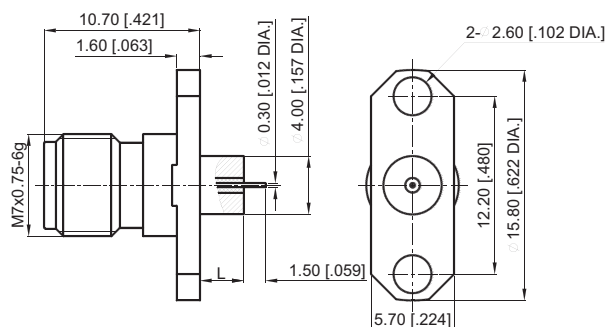
Part Number	L
97-02-9F2-013A	1.4 [.055]
97-02-9F2-013B	3 [.118]



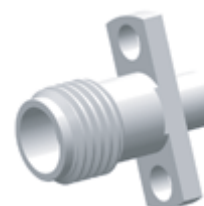
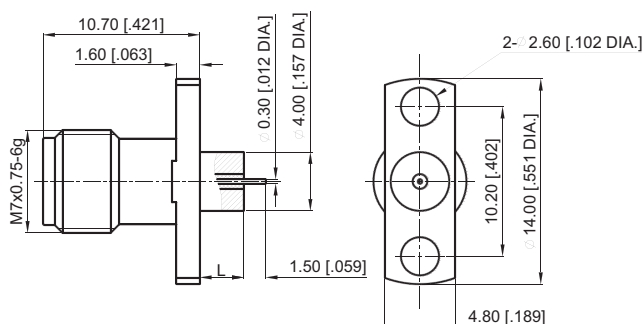
Part Number	L
97-02-9F2-014A	1.4 [.055]
97-02-9F2-014B	3 [.118]



Part Number	L
97-02-9E2-015A	1.4 [.055]
97-02-9E2-015B	3 [.118]



Part Number	L
97-02-9E2-016A	1.4 [.055]
97-02-9E2-016B	3 [.118]



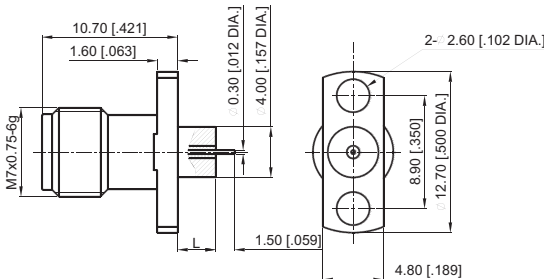
RECEPTACLES, METAL THROUGH THE WALL



Receptacles, jacks (female), Flange Mount



Part Number	L
97-02-9E2-017A	1.4 [.055]
97-02-9E2-017B	3 [.118]

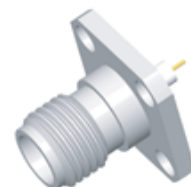
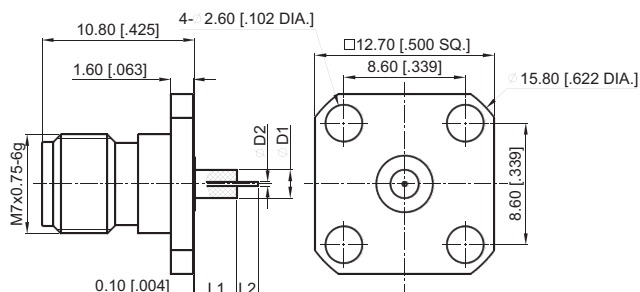


RECEPTACLES, INSULATOR THROUGH THE WALL **CMP[®]**

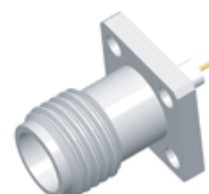
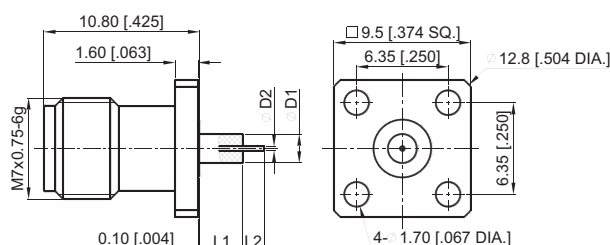
Receptacles, jacks (female), Flange Mount



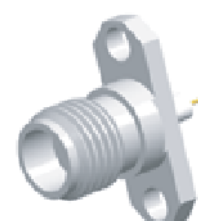
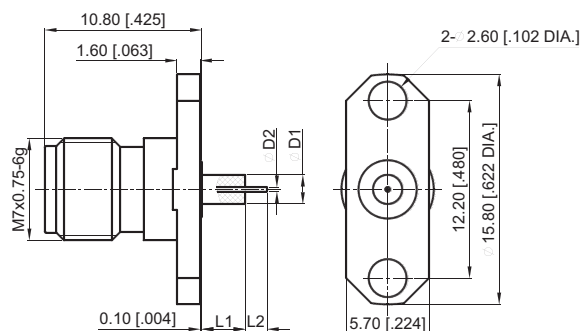
Part Number	D1	D2	L1	L2
97-02-9F7-018A	1.67 [.066]	0.3 [.012]	1.4 [.055]	1.5 [.059]
97-02-9F7-018B	1.67 [.066]	0.3 [.012]	3 [.118]	1.5 [.059]
97-02-9F7-018C	2 [.078]	0.61 [.024]	6.35 [.250]	1.27 [.005]



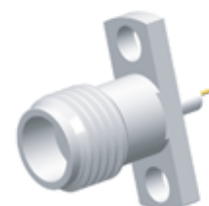
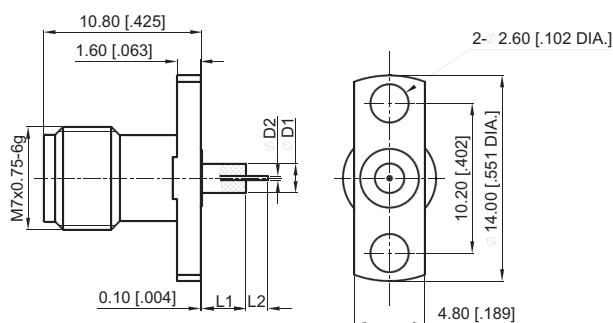
Part Number	D1	D2	L1	L2
97-02-9F7-019A	1.67 [.066]	0.3 [.012]	1.4 [.055]	1.5 [.059]
97-02-9F7-019B	1.67 [.066]	0.3 [.012]	3 [.118]	1.5 [.059]
97-02-9F7-019C	2 [.078]	0.61 [.024]	6.35 [.250]	1.27 [.005]



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97-02-9E7-020A	1.67 [.066]	0.3 [.012]	1.4 [.055]	1.5 [.059]
97-02-9E7-020B	1.67 [.066]	0.3 [.012]	3 [.118]	1.5 [.059]
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97-02-9E7-021A	1.67 [.066]	0.3 [.012]	1.4 [.055]	1.5 [.059]
97-02-9E7-021B	1.67 [.066]	0.3 [.012]	3 [.118]	1.5 [.059]
97-02-9E7-021C	2 [.078]	0.61 [.024]	6.35 [.250]	1.27 [.005]

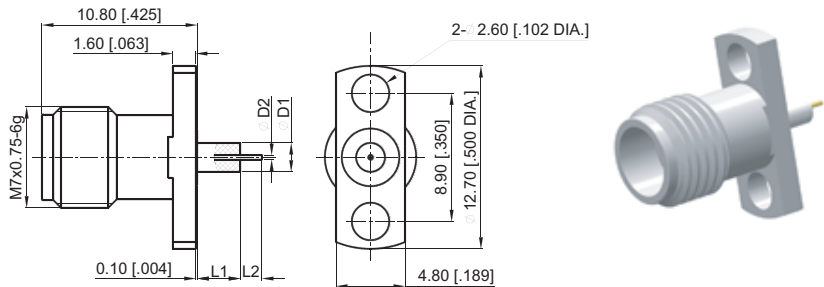


RECEPTACLES, INSULATOR THROUGH THE WALL

Receptacles, jacks (female), Flange Mount



Part Number	D1	D2	L1	L2
97-02-9E7-022A	1.67 [.066]	0.3 [.012]	1.4 [.055]	1.5 [.059]
97-02-9E7-022B	1.67 [.066]	0.3 [.012]	3 [.118]	1.5 [.059]
97-02-9E7-022C	2 [.078]	0.61 [.024]	6.35 [.250]	1.27 [.005]



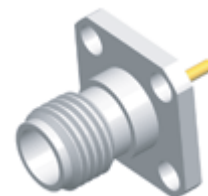
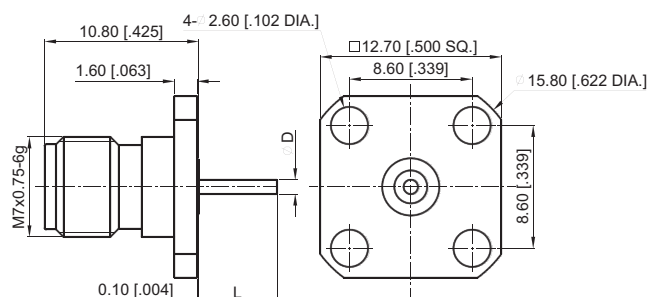
RECEPTACLES, AIR LINE THROUGH THE WALL



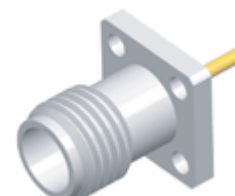
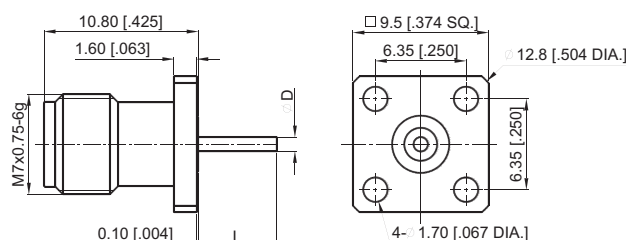
Receptacles, jacks (female), Flange Mount



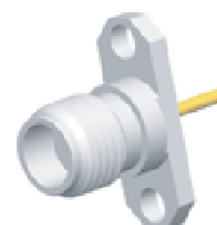
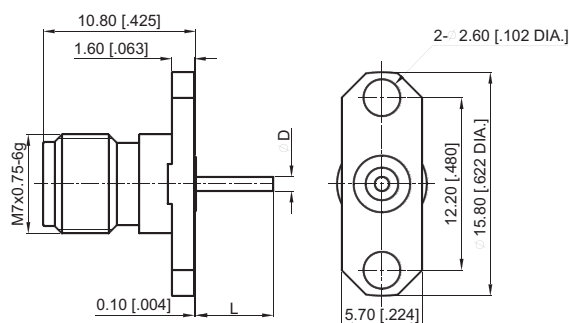
Part Number	D	L
97-02-9F2-023A	0.75 [.029]	9 [.354]
97-02-9F2-023B	0.86 [.034]	8.75 [.344]
97-02-9F2-023C	1 [.040]	5.5 [.216]
97-02-9F2-023D	1.04 [.041]	6.34 [.250]
97-02-9F2-023E	1.2 [.047]	3 [.118]



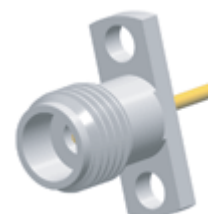
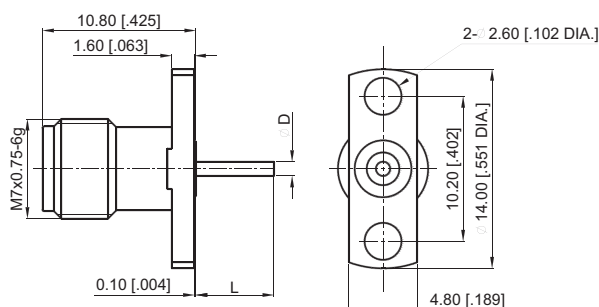
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97-02-9E2-025A	0.75 [.029]	9 [.354]
97-02-9E2-025B	0.86 [.034]	8.75 [.344]
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97-02-9E2-026E	1.2 [.047]	3 [.118]



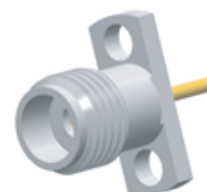
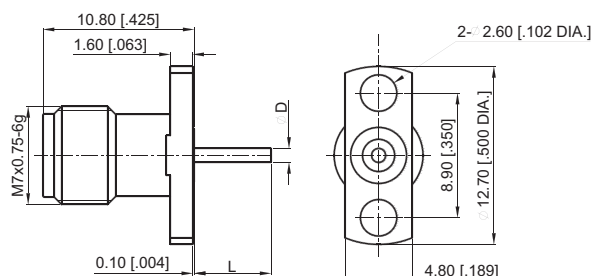
RECEPTACLES, AIR LINE THROUGH THE WALL



Receptacles, jacks (female), Flange Mount

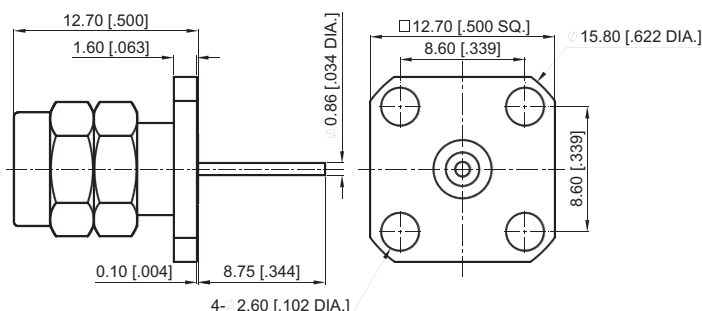


Part Number	D	L
97-02-9E2-027A	0.75 [.029]	9 [.354]
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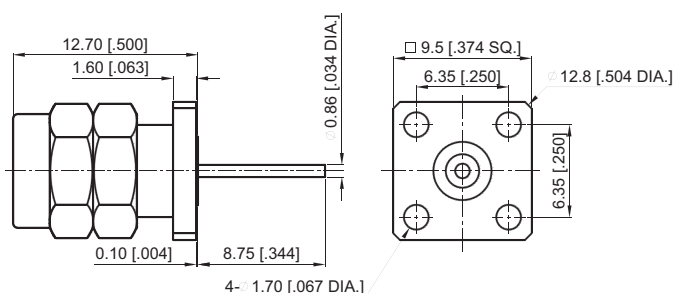


Receptacles, plugs (male), Flange Mount

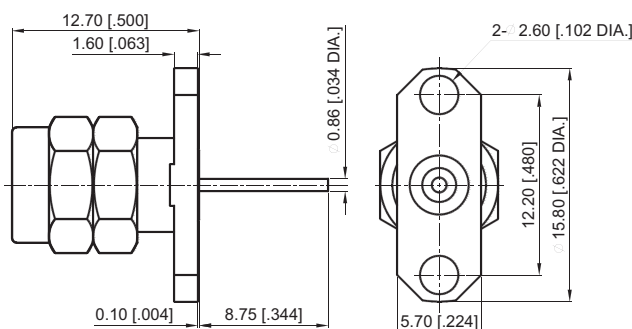
Part Number
97-03-9F2-028



Part Number
97-03-9F2-029



Part Number
97-03-9E2-030



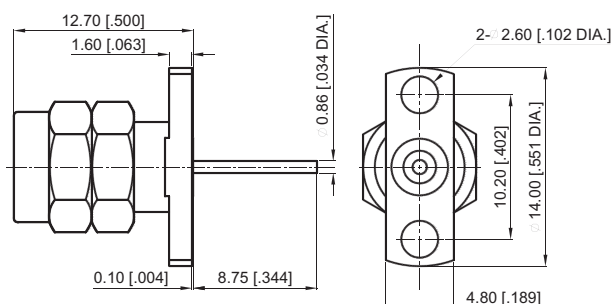
RECEPTACLES, AIR LINE THROUGH THE WALL



Receptacles, plugs (Male), Flange Mount



Part Number
97-03-9E2-031



Part Number
97-03-9E2-032

