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TECHNOLOGY GROUP

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2.9mm Design Specifications

General

Materials:	SST, Corrosion-resistant, Non-magnetic 303, per ASTM A484 & A582. Beryllium Copper per ASTM-B-196, QQ-C-530, Oxide-noryl[tm], MIL-P-46129
Finish:	Center contacts and solder components shall be plated per MIL-G-45204 Type II, Class I over Nickel plate per QQ-N-290, Body & Body components shall be passivated per ASTM A380
Compatability:	Mechanically compatible with 3.5mm and SMA connectors.

Electrical *Frequency:*

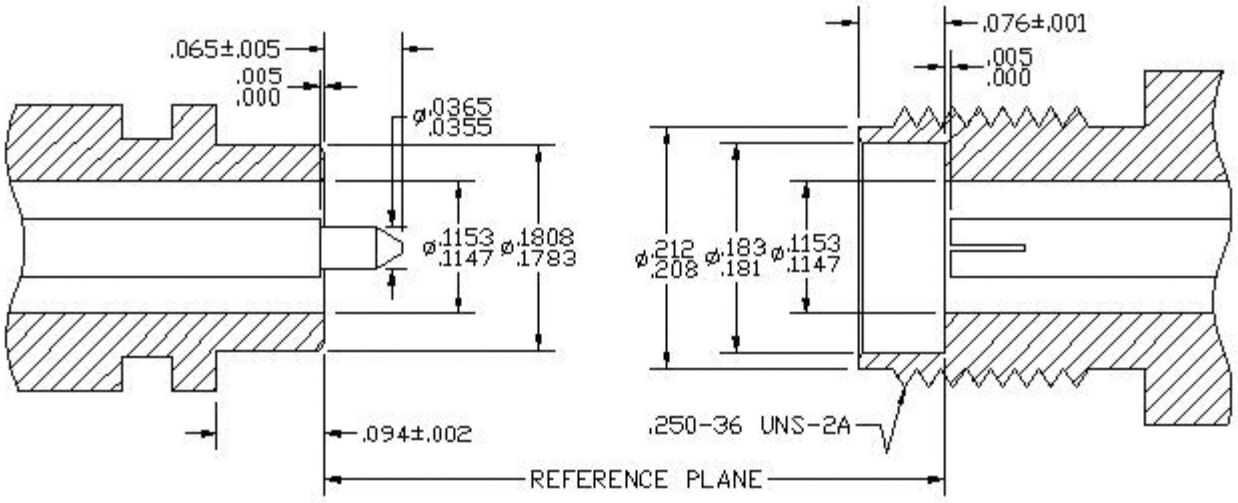
Nominal Impedance:	***DC-40 GHz***
Temperature Rating:	50 Ohms
VSWR:	-55° C to 100° C
	1.25:1 to 40 GHz

Mechanical

Connector Durability:	
Contact Torque:	500 cycles minimum
	4.0 inch-ounces minimum
Coupling nut mating torque:	8-10 inch lbs.

Environmental

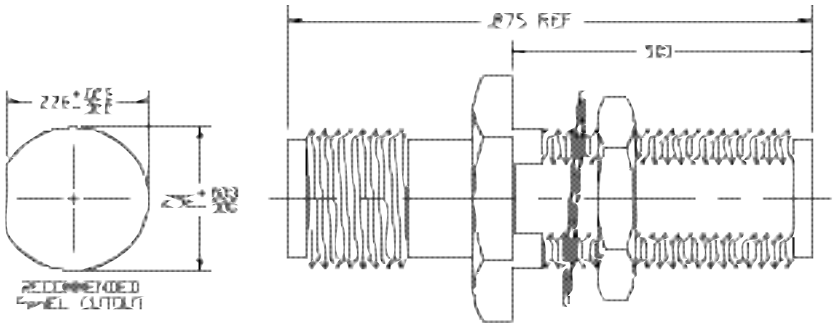
Corrosion (salt spray):	MIL-STD-202, method 101, test condition B 5% salt solution
Vibration High Frequency:	MIL-STD-202, method 204, test condition D (20 G's)



25-925-2000-90

2.9mm Jack to 2.9mm Jack
Bulkhead Mount

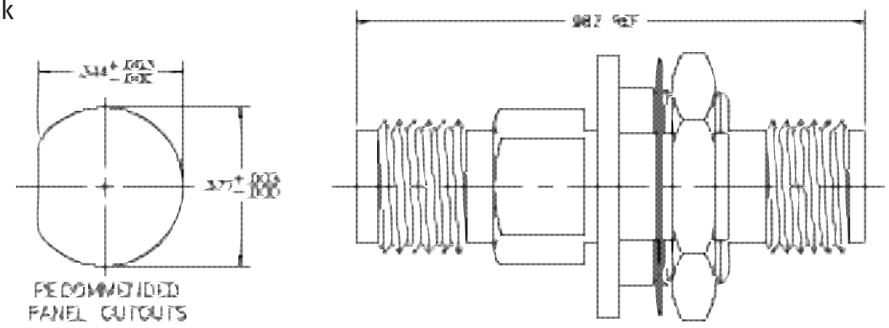
DC-40 GHz



25-925-3500-90

2.9mm Jack to 2.9mm Jack
Bulkhead Mount

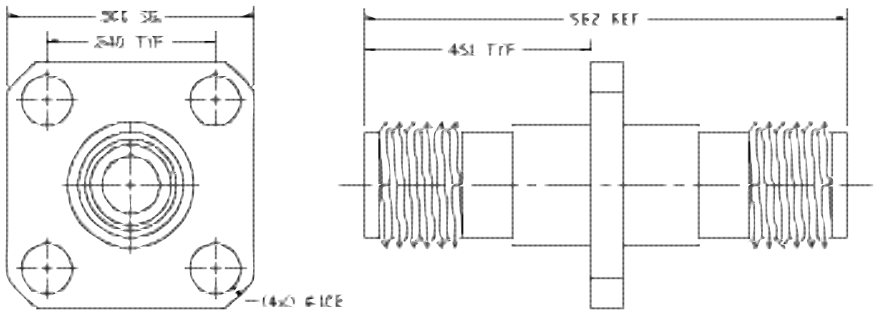
DC-40 GHz



25-925-4010-90

2.9mm Jack to 2.9mm Jack
4 Hole Flange Mount

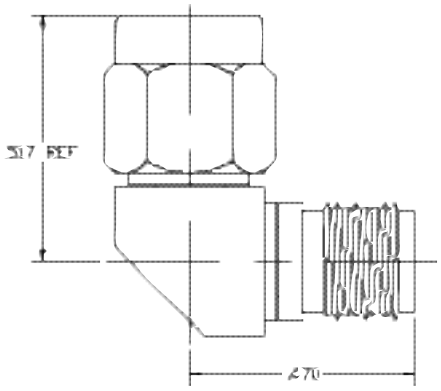
DC-40 GHz



24-925-2010-90

2.9mm Plug to 2.9mm Jack R/A

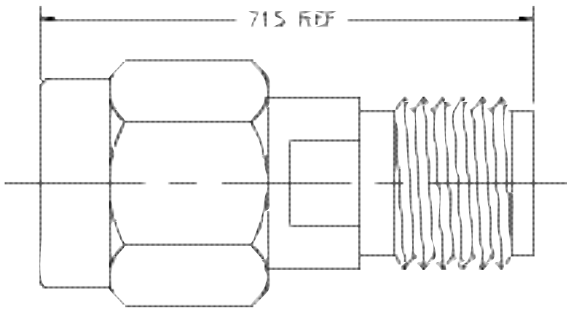
DC-40 GHz



2.9mm In-Series Adapters

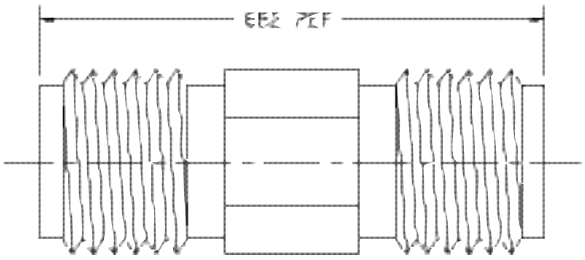
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2.9mm Plug to 2.9mm Jack

DC-40 GHz



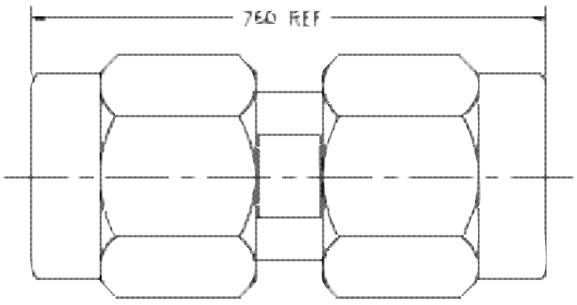
25-925-0000-90
2.9mm Jack to 2.9mm Jack

DC-40 GHz



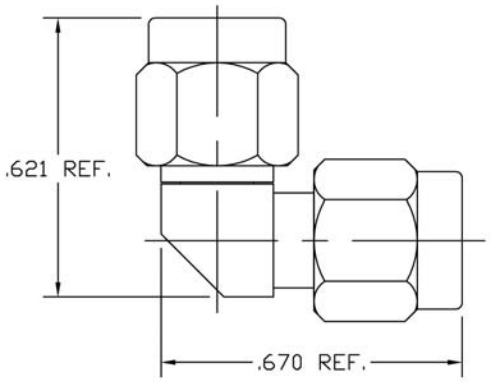
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2.9mm Plug to 2.9mm Plug

DC-40 GHz



24-924-2010-90
2.9mm Plug to 2.9mm Plug R/A

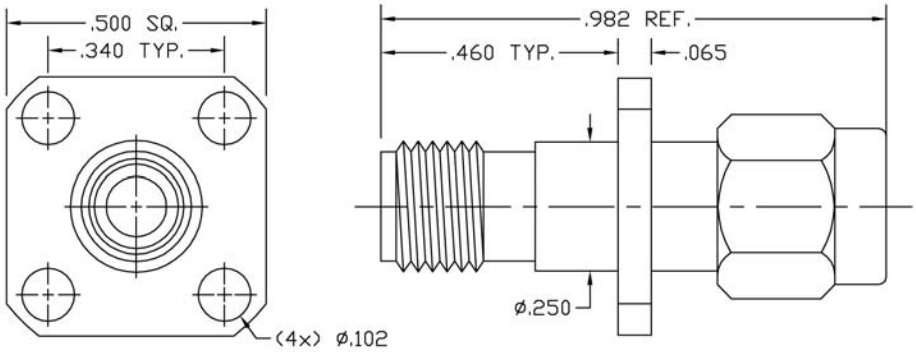
DC-40 GHz



24-925-3100-90

2.9mm Plug to 2.9mm Jack
4 Hole Flange Mount

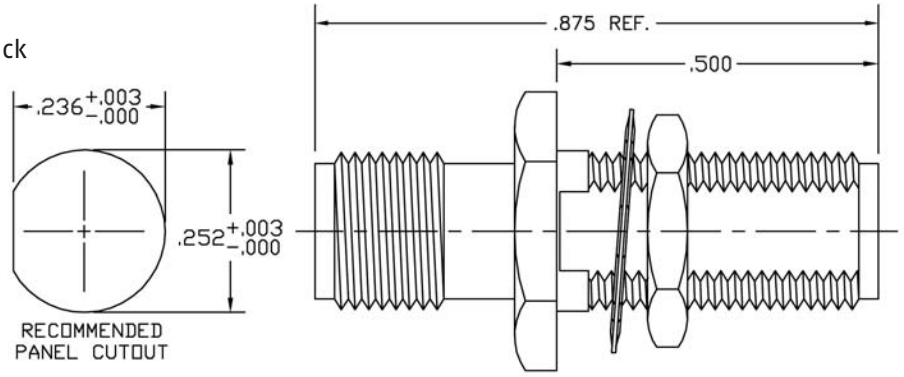
DC-40 GHz



25-925-2000-91

2.9mm Jack to 2.9mm Jack
Bulkhead Mount
(No O-Ring)

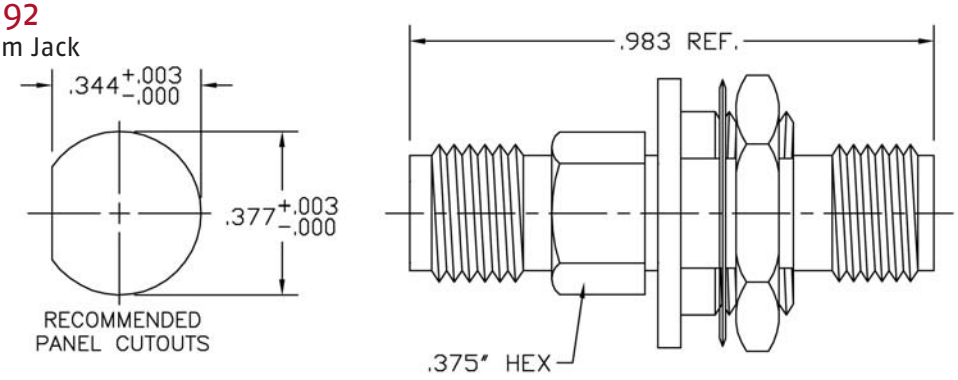
DC-40 GHz



25-925-2000-92

2.9mm Jack to 2.9mm Jack
Bulkhead Mount

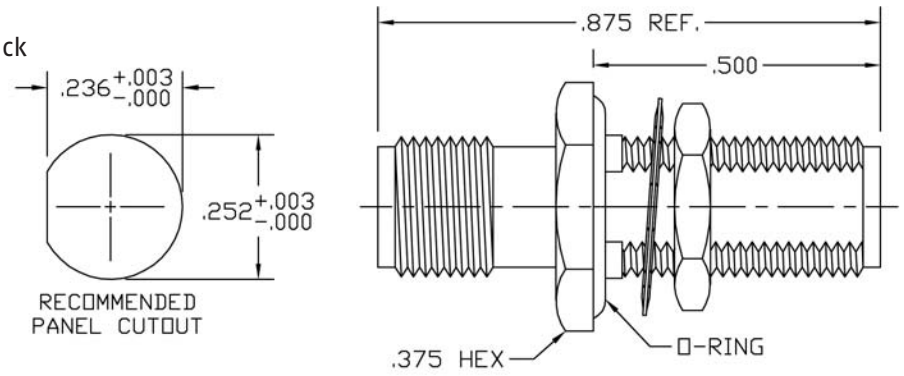
DC-32 GHz



25-925-2000-93

2.9mm Jack to 2.9mm Jack
Bulkhead Mount

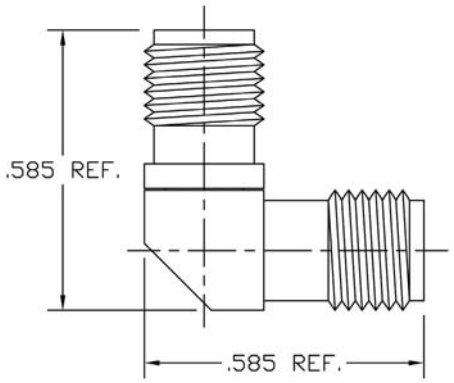
DC-40 GHz



2.9mm In-Series Adapters

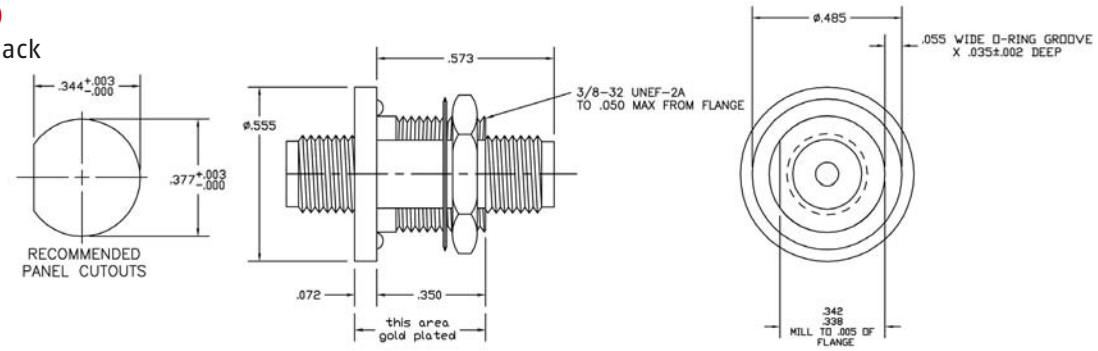
25-925-2010-90
2.9mm Jack to 2.9mm Jack R/A

DC-40 GHz



25-925-2040-90
2.9mm Jack to 2.9mm Jack
Hermetic Bulkhead

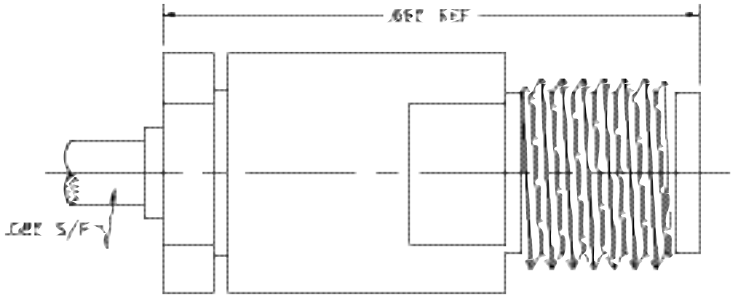
DC-40 GHz



2.9mm Cable Connectors

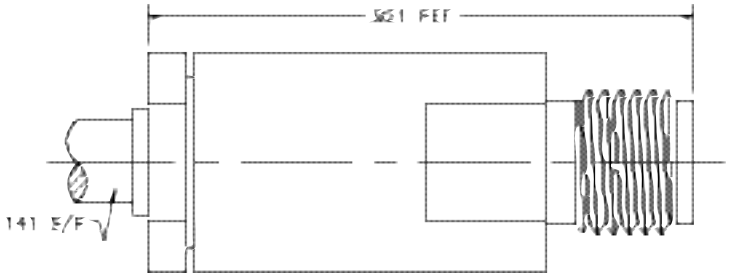
25-000-1585-90
2.9mm Jack to .085 S/R Cable
Solder Clamp

DC-40 GHz



25-000-1541-90
2.9mm Jack to .141 S/R Cable
Solder Clamp

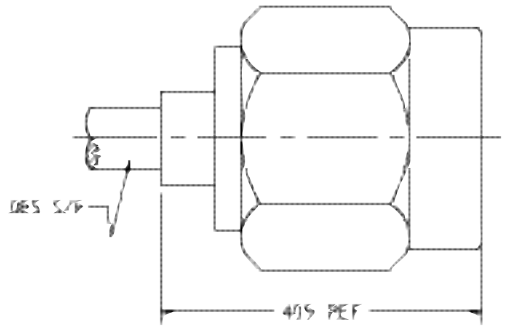
DC-40 GHz



24-000-1085-90

2.9mm Plug to .085 S/R Cable
Direct Solder

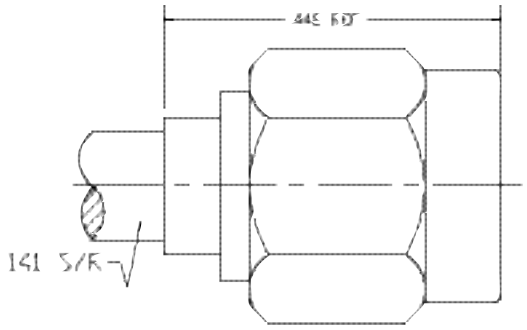
DC-40 GHz



24-000-1041-90

2.9mm Plug to .141 S/R Cable
Direct Solder

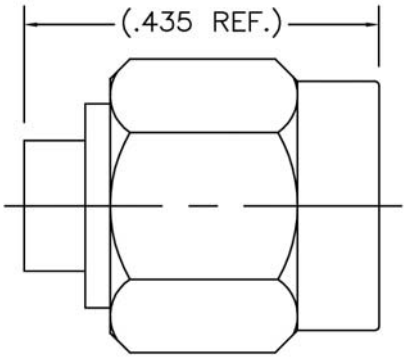
DC-40 GHz



24-000-1012-90

2.9mm Plug to UT120 Low Loss
Direct Solder

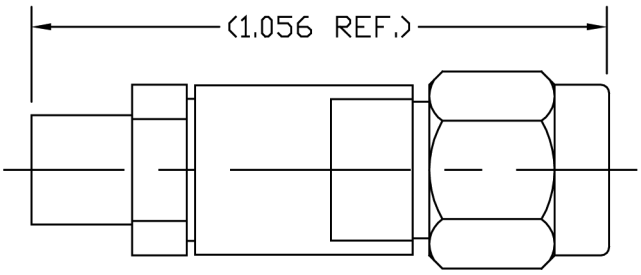
DC-40 GHz



24-000-1501-90

2.9mm Plug to IW1501
Solder Clamp

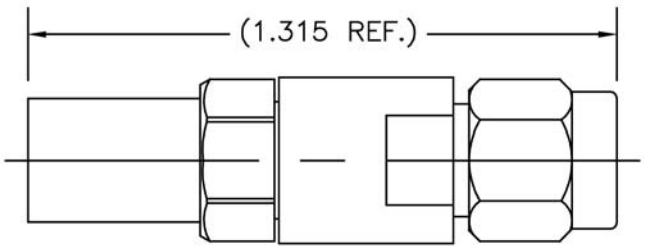
DC-40 GHz



24-000-1503-90

2.9mm Plug to IW1503
Solder Clamp

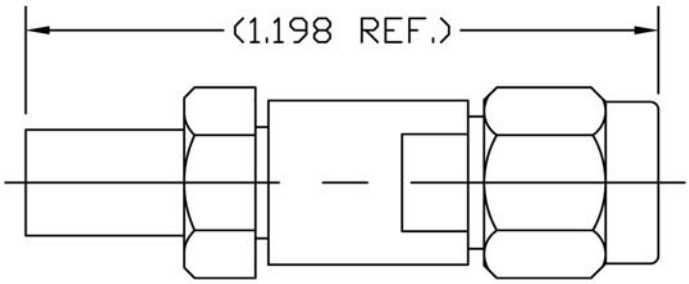
DC-40 GHz



24-000-1516-90

2.9mm Plug to SFT-316
Solder Clamp

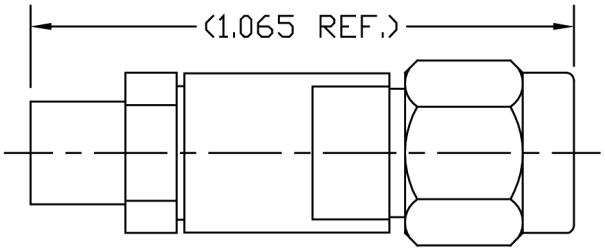
DC-40 GHz



24-000-1523-0 0

2.9mm Plug to LL120
Solder Clamp

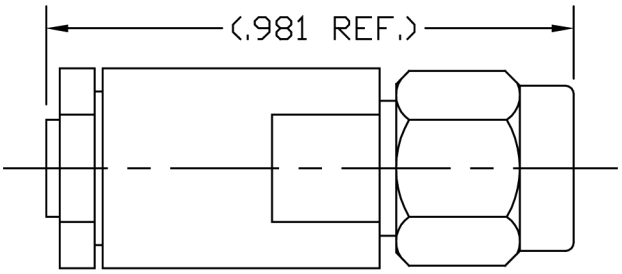
DC-40 GHz



24-000-1541-90

2.9mm Plug to .141 S/R
Solder Clamp

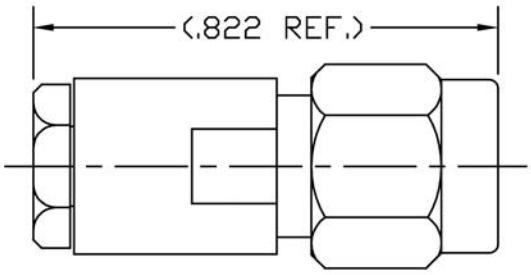
DC-34 GHz



24-000-1547-80

2.9mm Plug to .047 S/R
Solder Clamp

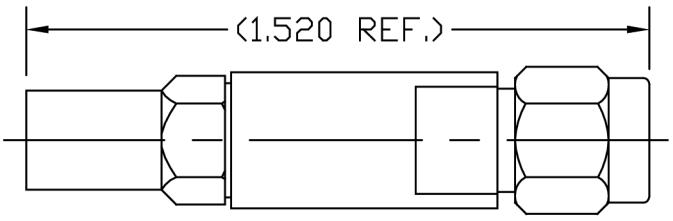
DC-40 GHz



24-000-1563-90

2.9mm Plug to HP160
Solder Clamp

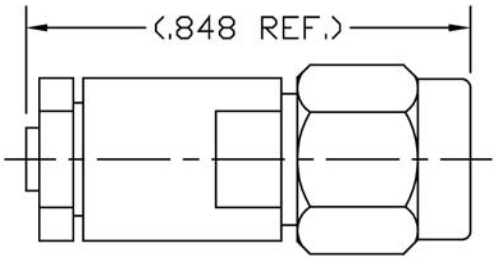
DC-40 GHz



24-000-1585-90

2.9mm Plug to .085 S/R
Solder Clamp

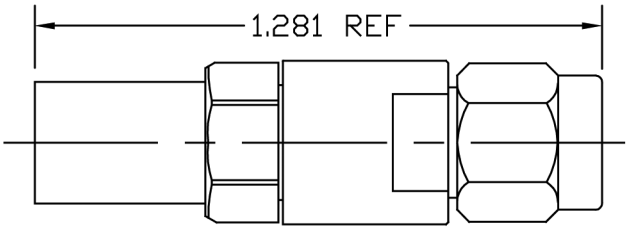
DC-40 GHz



24-000-1597-90

2.9mm Plug to LL142
Solder Clamp

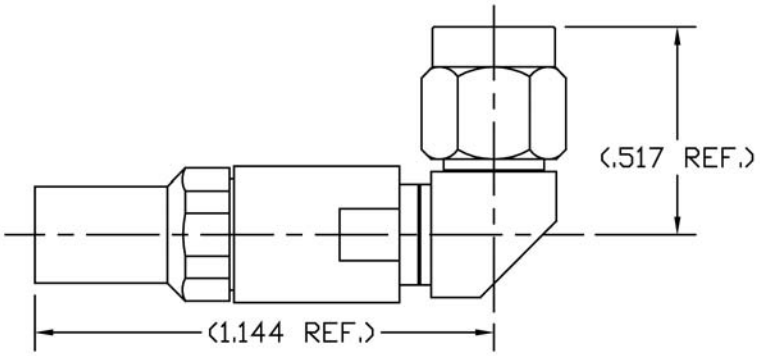
DC-40 GHz



24-041-1501-90

2.9mm Plug R/A to IW1501
Solder Clamp

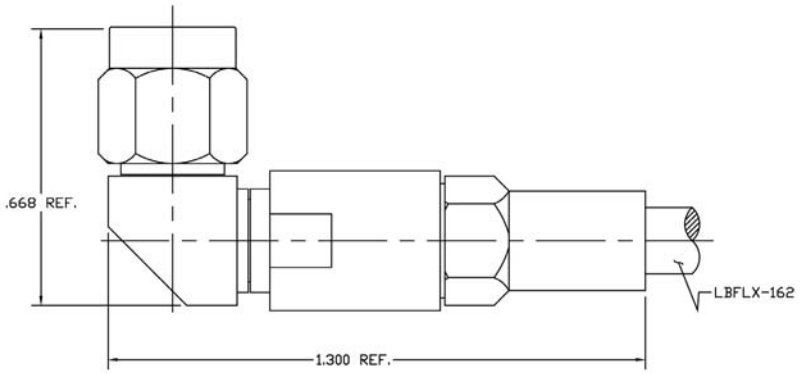
DC-40 GHz



24-041-1562-90

2.9mm Plug R/A to Lab-Flex 162
Solder Clamp

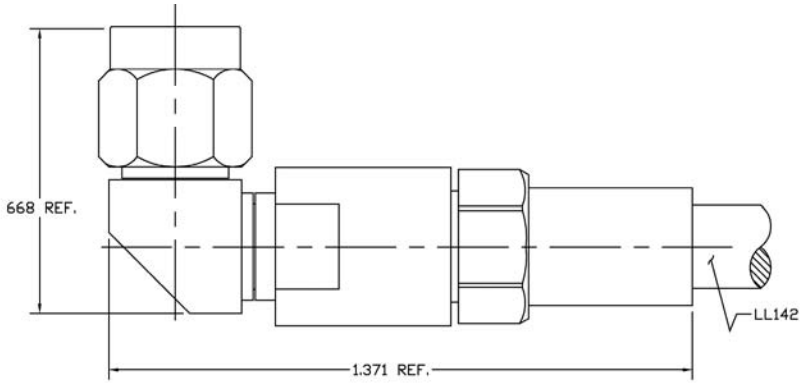
DC-40 GHz



24-041-1597-90

2.9mm Plug R/A to LL142
Solder Clamp

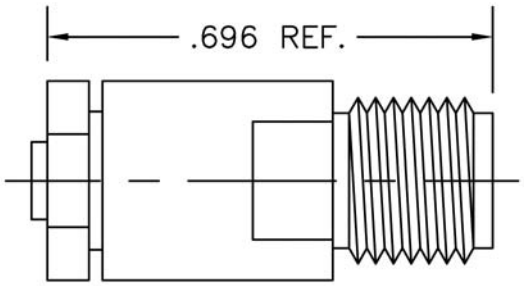
DC-40 GHz



25-000-1508-90

2.9mm Jack to .085 Low Loss
Solder Clamp

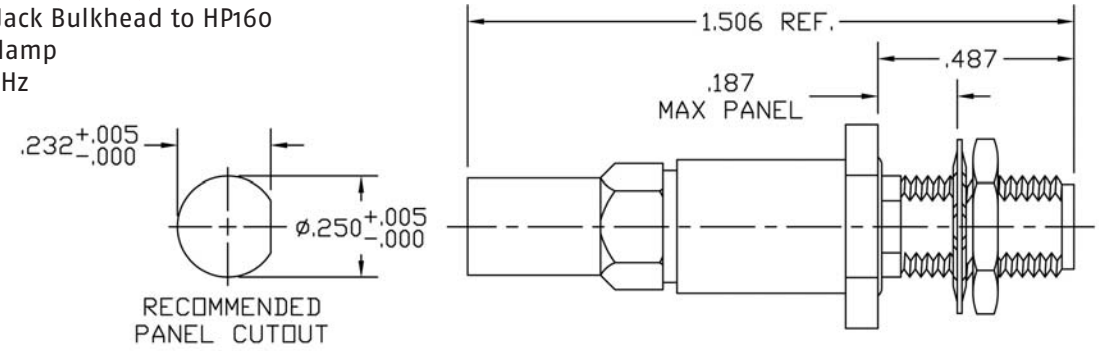
DC-40 GHz



2.9mm Cable Connectors

25-020-1563-90

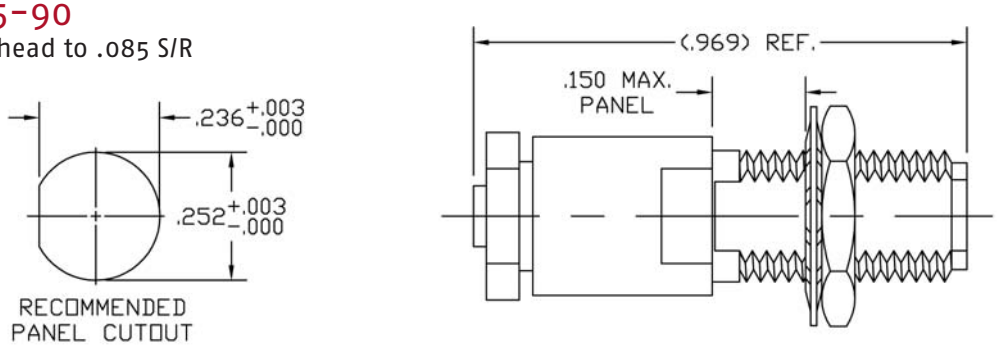
2.9mm Jack Bulkhead to HP160
Solder Clamp
DC-40 GHz



25-020-1585-90

2.9mm Jack Bulkhead to .085 S/R
Solder Clamp

DC-40 GHz

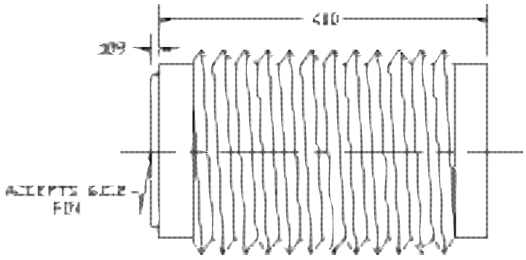


2.9mm Receptacles

25-145-1510-12

2.9mm Jack Receptacle
(Sparkplug)

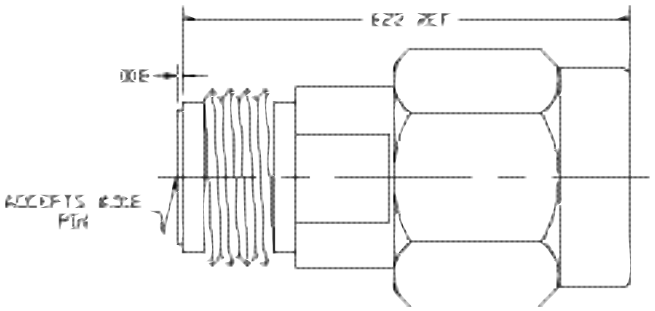
DC-40 GHz



24-145-1510-12

2.9mm Plug Receptacle
(Sparkplug)

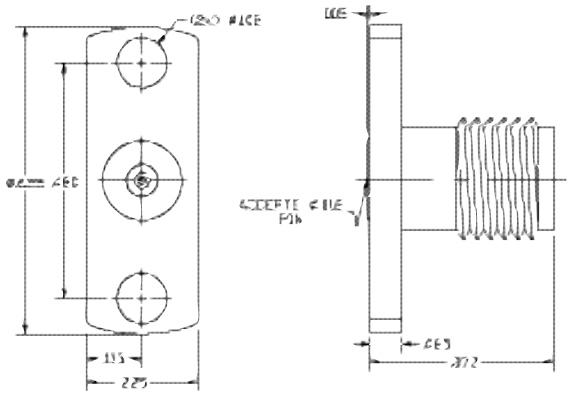
DC-40 GHz



2.9mm Receptacles

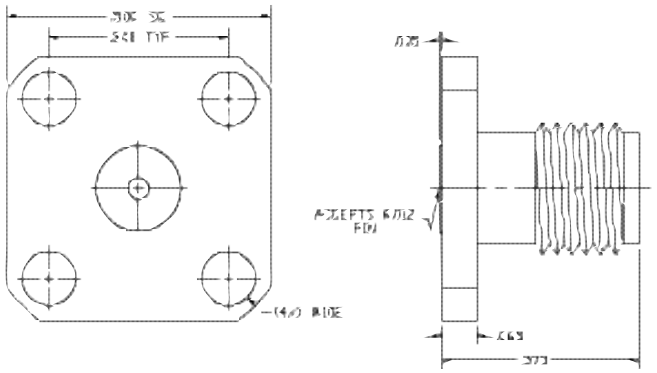
25-130-1500-90
2.9mm Jack Receptacle
2 Hole Flange Mount

DC-40 GHz



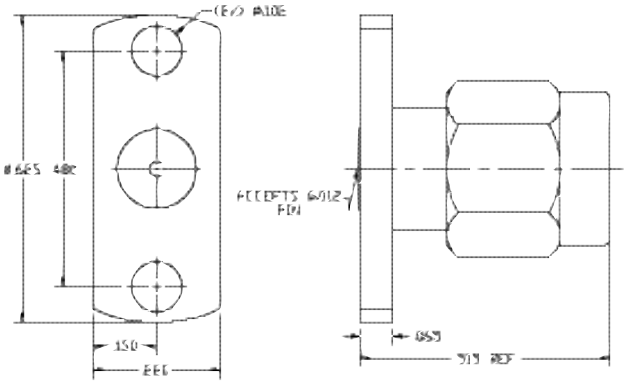
25-131-1500-90
2.9mm Jack Receptacle
4 Hole Flange Mount

DC-40 GHz



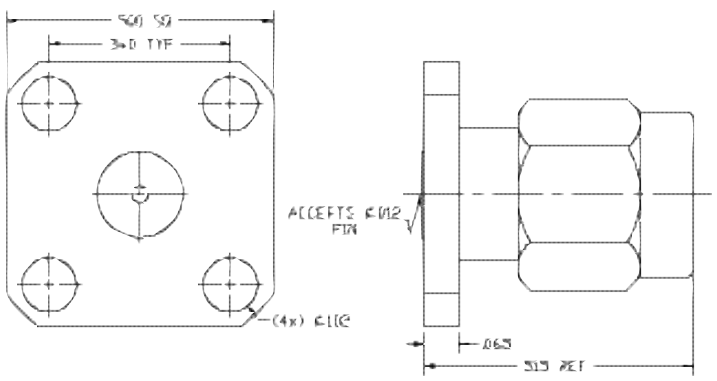
24-130-1500-90
2.9mm Plug Receptacle
2 Hole Flange Mount

DC-40 GHz



24-131-1500-90
2.9mm Plug Receptacle
4 Hole Flange Mount

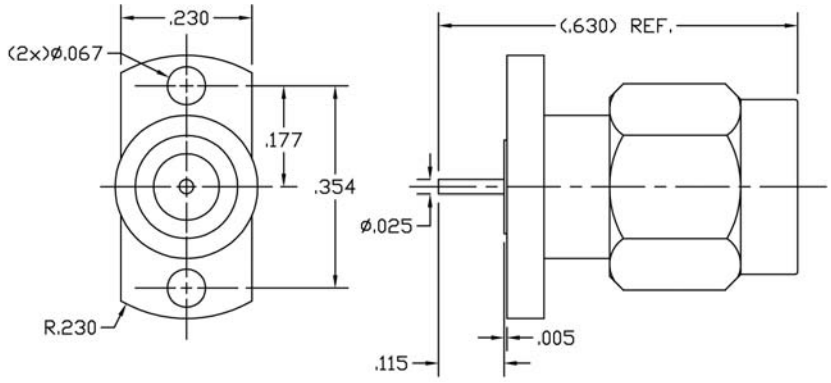
DC-40 GHz



24-130-1000-90

2.9mm Plug Receptacle
2 Hole Flange Mount

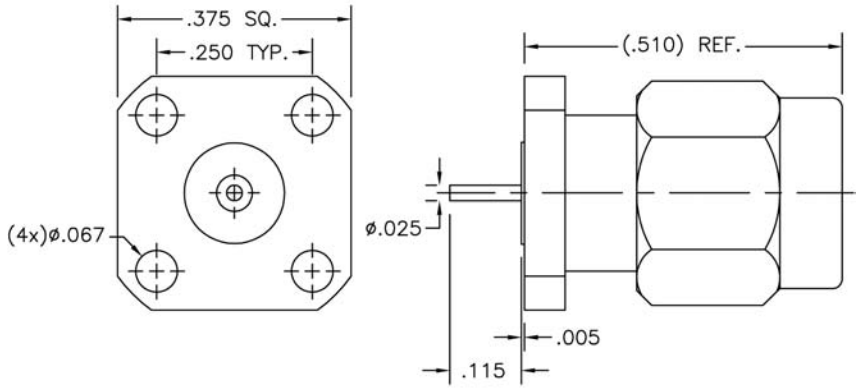
DC-40 GHz



24-131-1000-90

2.9mm Plug Receptacle
4 Hole Flange Mount

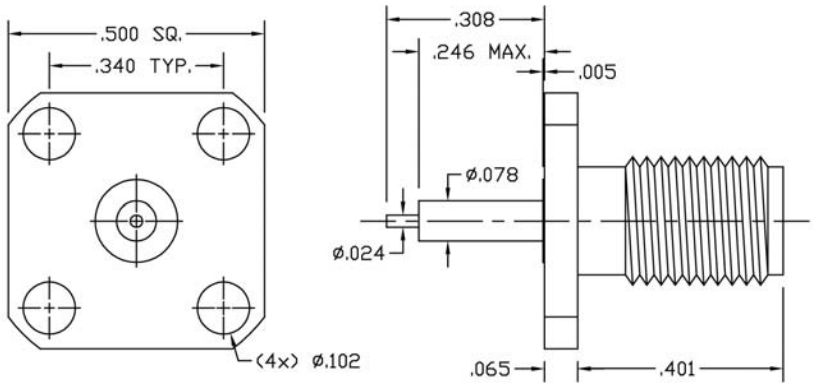
DC-40 GHz



25-131-1000-96

2.9mm Jack Receptacle
4 Hole Flange Mount

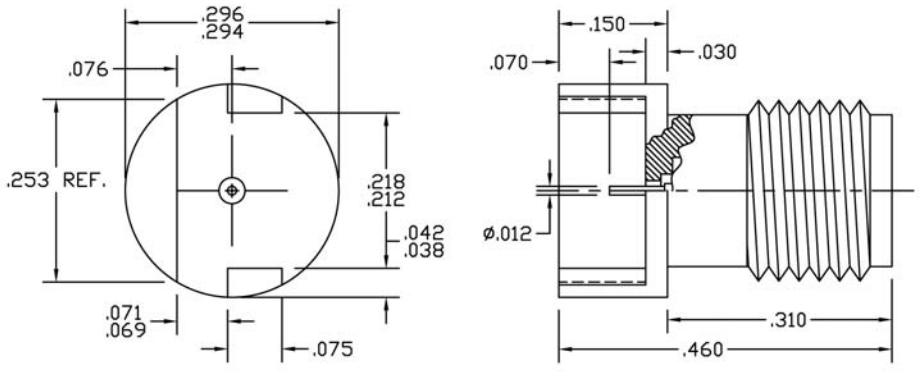
DC-40 GHz



25-146-1000-90

2.9mm Jack PCB Mount

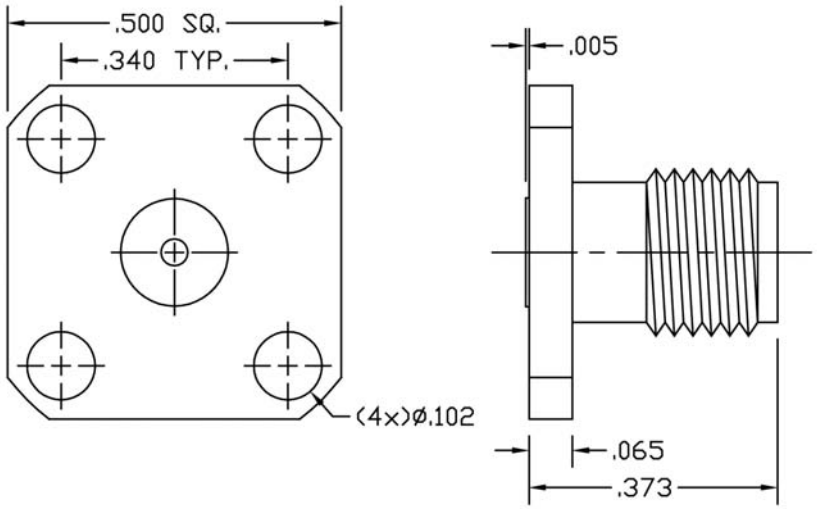
DC-40 GHz



2.9mm Receptacles

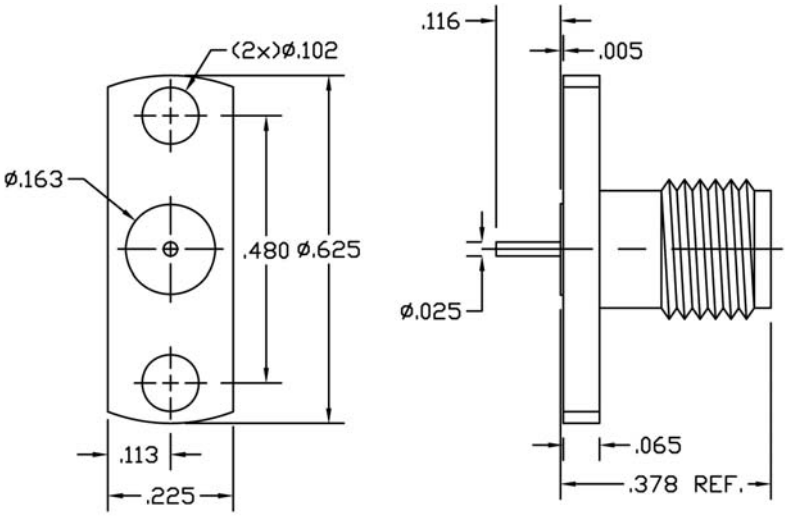
25-131-1500-92
2.9mm Jack Receptacle 4 Hole Flange Mount
Accepts .020 Diameter Pin

DC-40 GHz



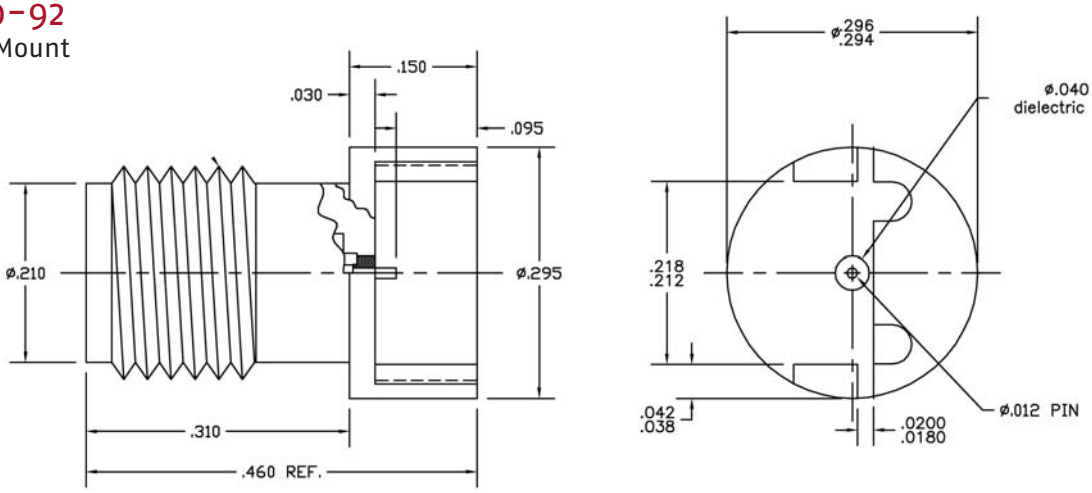
25-130-1000-90
2.9mm Jack Receptacle 2 Hole Flange Mount

DC-40 GHz



25-146-1000-92
2.9mm Jack PCB Mount

DC-50 GHz



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