

1.85mm 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™, 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
Compatibility:	Mechanically compatible with 2.4mm connectors.

Electrical Frequency:

DC-65 GHz

Nominal Impedance:

50 Ohms

Temperature Rating:

-55° C to 100° C

Mechanical

Connector Durability:

500 cycles minimum

Contact Torque:

4.0 inch-ounces minimum

Coupling nut mating torque: 8-10 inch lbs.

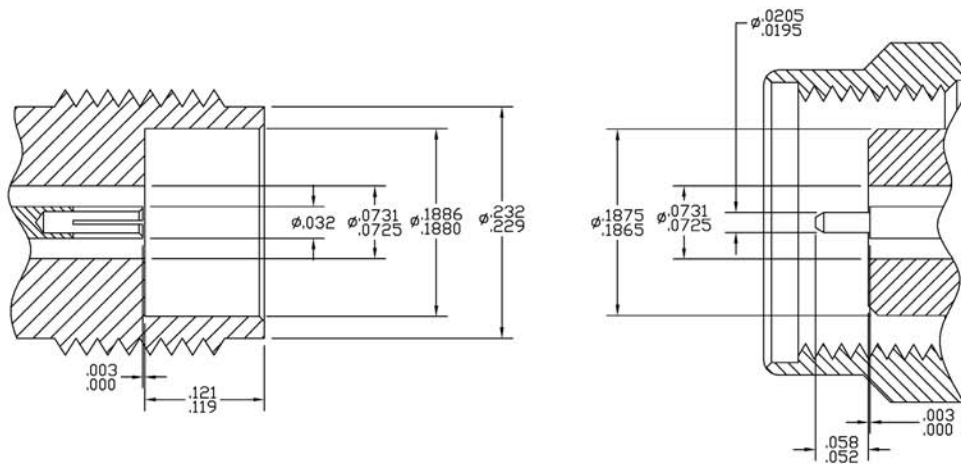
Environmental

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)



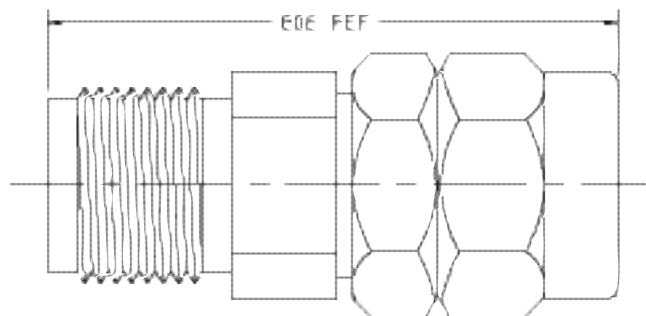
1.85mm In-Series Phase Matches Adapters



84-985-0000-80

1.85mm Plug to 1.85mm Jack

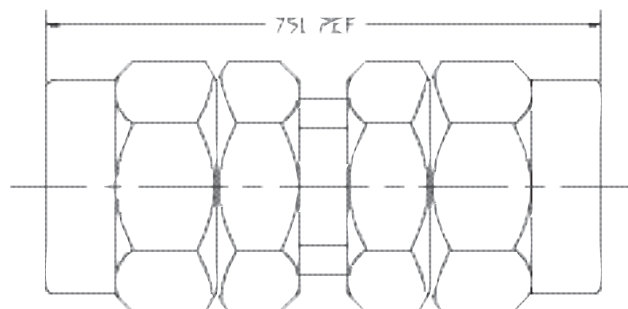
DC-65 GHz



84-984-0000-80

1.85mm Plug to 1.85mm Plug

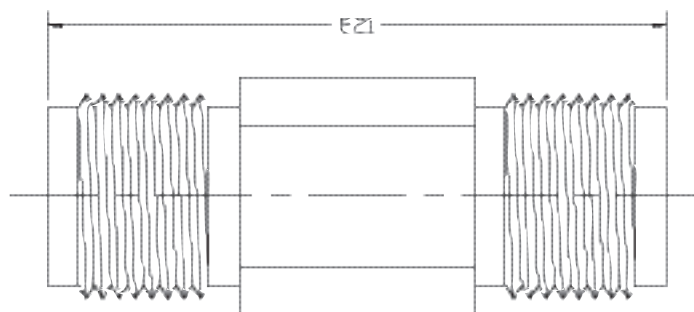
DC-65 GHz



85-985-0000-80

1.85mm Jack to 1.85mm Jack

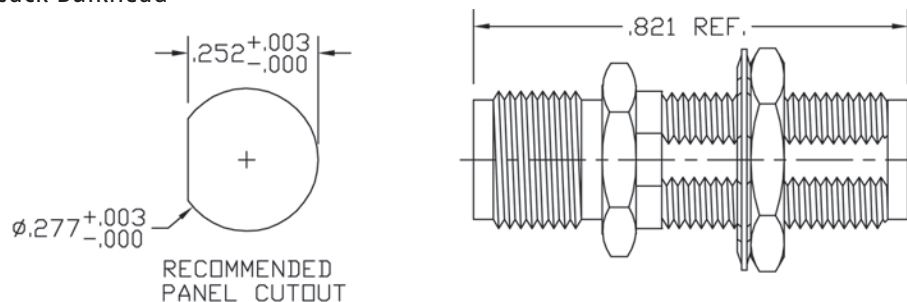
DC-65 GHz



85-985-2000-80

1.85mm Jack to 1.85mm Jack Bulkhead

DC-65 GHz



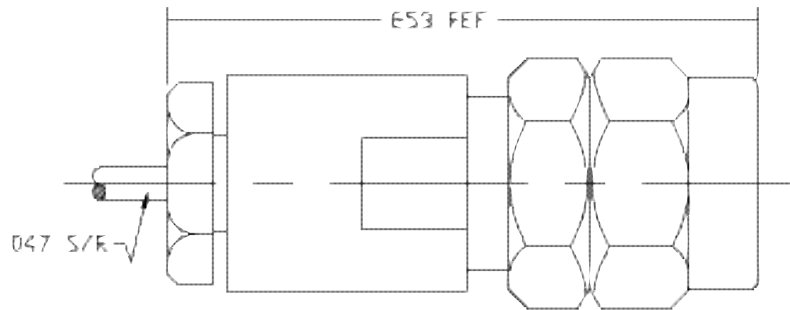
1.85mm Cable Connectors



84-000-1547-80

1.85mm Plug to .047 S/R Cable
Solder Clamp

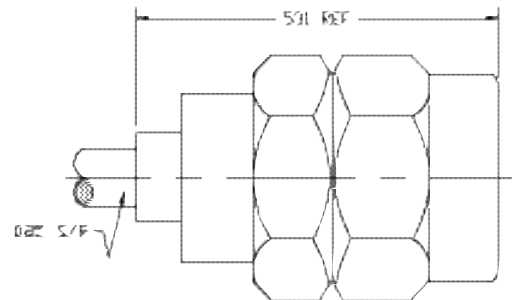
DC-65 GHz



84-000-1085-00

1.85mm Plug to .085 S/R Cable
Direct Solder

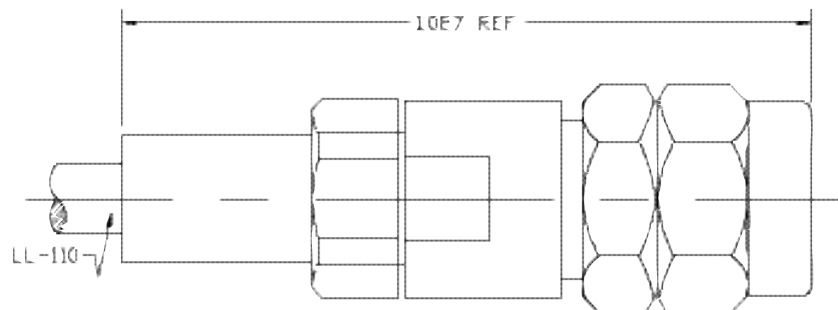
DC-60 GHz



84-000-1510-80

1.85mm Plug to LL-110 Cable
Solder Clamp

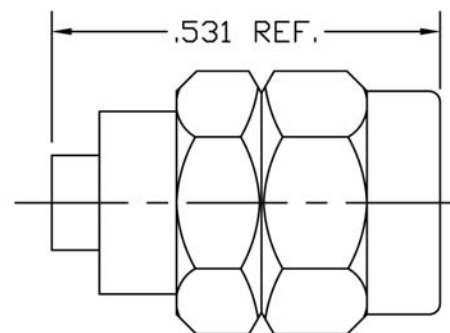
DC-65 GHz



84-000-1085-00

1.85mm Plug to .085 S/R Cable
Direct Solder

DC-60 GHz



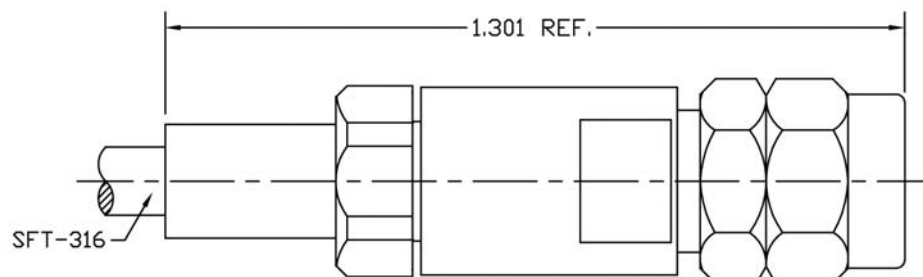
1.85mm Cable Connectors



84-000-1516-80

1.85mm Plug to Times SFT-316 Cable
Solder Clamp

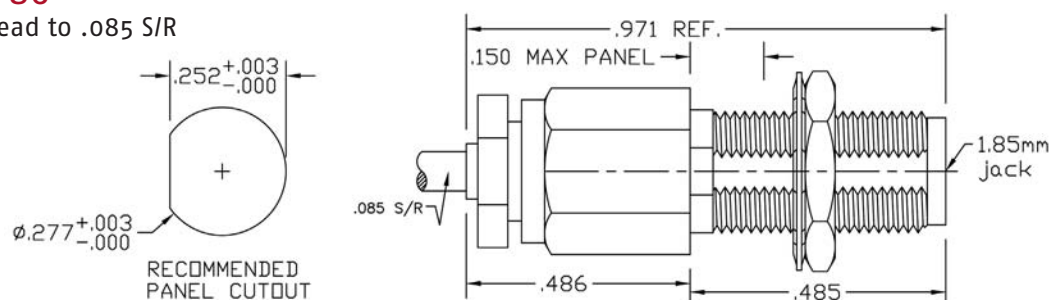
DC-65 GHz



85-020-1585-80

1.85mm Jack Bulkhead to .085 S/R
Solder Clamp

DC-65 GHz

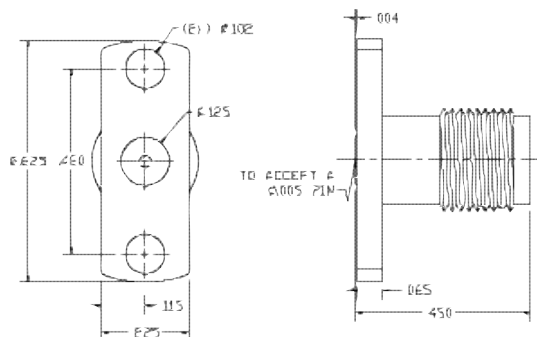


1.85mm Receptacles

85-130-1500-80

1.85mm Jack Receptacle 2
Hole Flange Mount

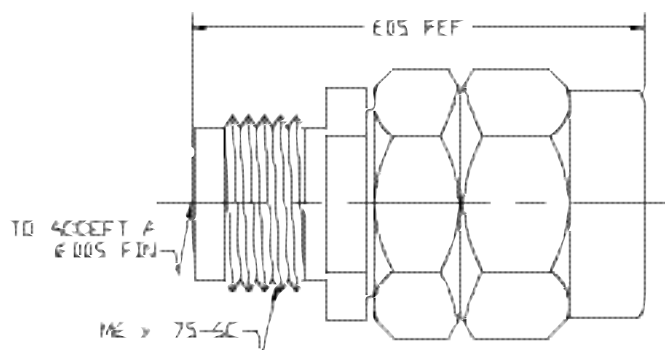
DC-65 GHz



84-150-1500-80

1.85mm Plug Receptacle
(Sparkplug)

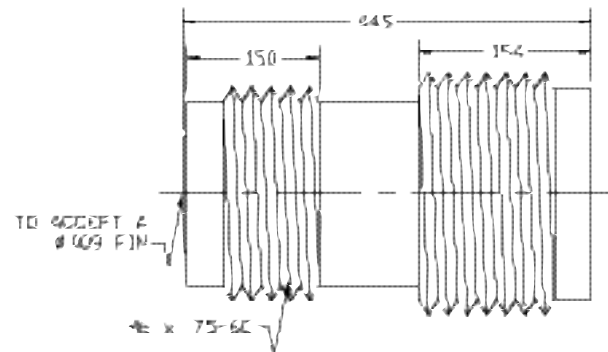
DC-65 GHz



85-150-1500-80

1.85mm Jack Receptacle
(Sparkplug)

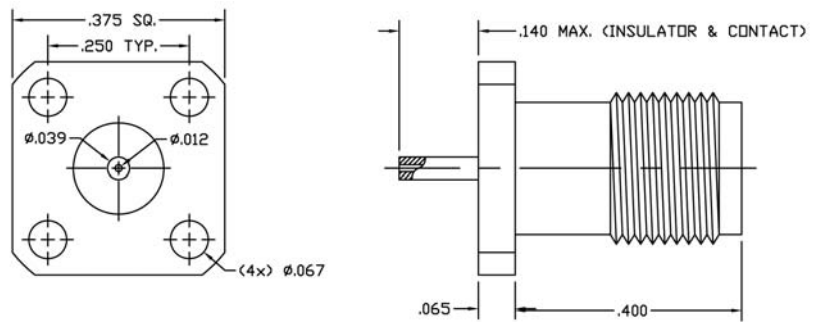
DC-65 GHz



85-131-1000-80

1.85mm Jack 4 Hole Flange

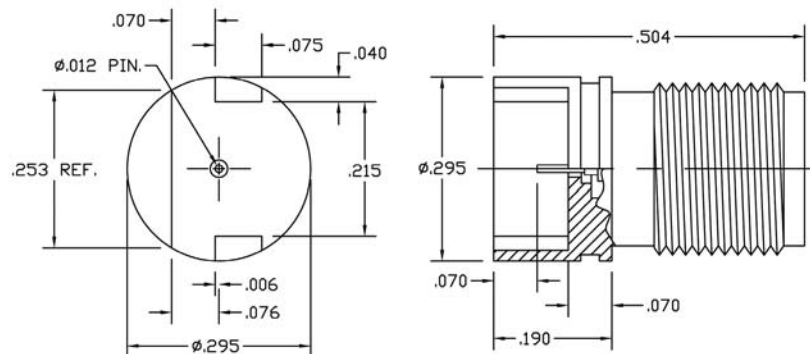
DC-65 GHz



85-146-1000-80

1.85mm Jack PCB Mount

DC-65 GHz



85-146-1000-81

1.85mm Jack PCB Mount

DC-65 GHz

