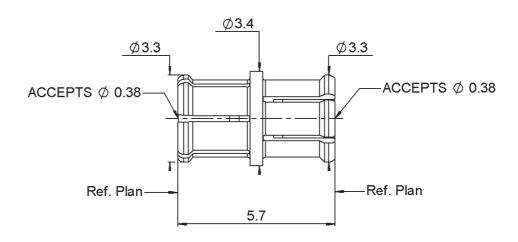


Technical Data Sheet

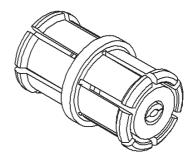
FEMALE FEMALE ADAPTOR -

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All dimensions are in mm.





| COMPONENTS | MATERIALS | PLATING (μm) |
|----------------------------|--------------------------------------|--------------------------------------|
| Body Center contact | BERYLLIUM COPPER BERYLLIUM COPPER | GOLD OVER NICKEL GOLD OVER NICKEL |
| Outer contact Insulator | PTFE | |
| Gasket | 2 | |
| Others parts | | |
| - | - | - |

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Technical Data Sheet

FEMALE FEMALE ADAPTOR -

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|--|--------------------------|-------------|------------|-------------------------------|
|--|--------------------------|-------------|------------|-------------------------------|

PACKAGING

| 100 | Contact us | Contact us |
|----------|------------|------------|
| Standard | Unit | Other |

ELECTRICAL CHARACTERISTICS

Impedance 50 Frequency 0-40 GHz

x F(GHz) Maxi √F(GHz) dB Maxi 0.0000 **VSWR** 1.5 Insertion loss 0.12 RF leakage - F(GHz)) dB Maxi Voltage rating 335 Veff Maxi Dielectric withstanding voltage 500 Veff mini Insulation resistance 5000 $M\Omega$ mini

MECHANICAL CHARACTERISTICS

Center contact retention

Axial force – Mating End Axial force – Opposite end 6.7 N mini 6.7 N mini NA N.cm mini Torque

Recommended torque

NA N.cm Mating Panel nut NA N.cm

Mating life 100 Cycles mini Weight 0.1550

g

ENVIRONMENTAL

Operating temperature Hermetic seal -65/+165 Atm.cm3/s NA

Panel leakage NA

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction:

Others:

Compliant with MIL-STD-348

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ADDITIONAL INFORMATIONS MOUNTING AND REPLACEMENT INSTRUCTIONS

1 - INFORMATIONS

Mechanical durability: 100 cycles -> full detent connector . : 500 cycles -> limited detent connector . : 1000 cycles-> smooth bore connector .

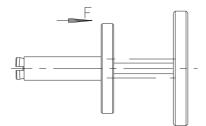
Axial misalignement = 0/+0.25 mm. Radial misalignement = ± 0.25 mm.

Force to: engage - disengage - connector
Full det: 66.75 N maxi - 22.25 N mini - FULL DETENT
Limited: 44.5 N maxi - 8.9 N mini - LIMITED DET.
Smooth b: 8.9 N maxi - 2.225 N mini - SMOOTH BORE

2 - MOUNTING AND REPLACEMENT

Adaptor must be mounted or removed with tooling R282.918.100.

2-1 - Push in F direction to open the tool .



2-2 - Place the adaptor into the tool , until it bottoms against .



2-3 - Push on the adaptor , and release the smallest tool diameter. (the force to fixe the adaptor is applied by a spring) .



- 2-4 Push on the biggest tool diameter to place the adaptor .
 - To remove the adaptor , pull off on the biggest tool diameter .

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