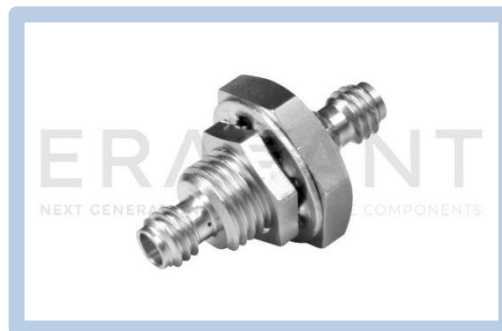


1.0 mm (F) to 1.0 mm (F) Coaxial Adapter, Bulkhead

Description:

Model SCT-1F1F-UB-B is a 1.0 mm female to 1.0 mm female coaxial adapter with a bulkhead that covers the frequency range of DC to 110 GHz. This coaxial adapter offers efficient transitioning between the coaxial connectors with a typical return loss of 14 dB. The impedance of the adapter is 50 ohms. Other configurations are available under different model numbers.



Features:

- Instrumentation Grade
- High Return Loss
- Low Insertion Loss

Applications:

- Test Lab
- Sub-assemblies

Electrical Specifications:

| Parameter | Minimum | Typical | Maximum |
|---------------------------|---------|-------------|---------|
| Frequency | DC | | 110 GHz |
| Return Loss | | 14 dB | |
| Impedance | | 50 Ω | |
| Specification Temperature | | +25 °C | |
| Operating Temperature | -40 °C | | +85 °C |

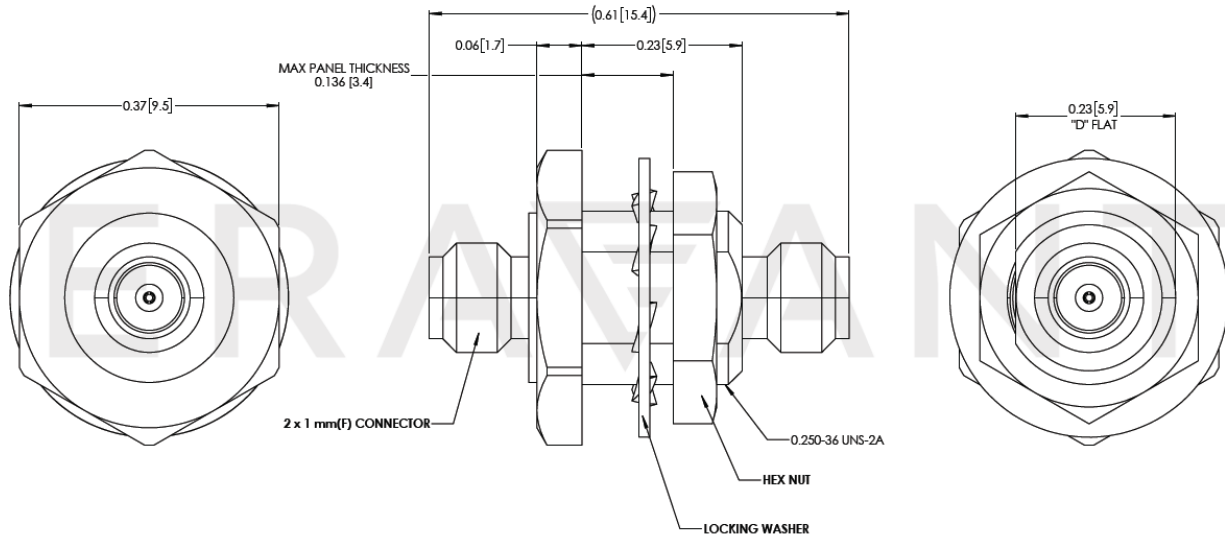
Mechanical Specifications:

| Item | Specification |
|----------------------|------------------------|
| Connector 1 Type | 1.0 mm Female |
| Connector 2 Type | 1.0 mm Female |
| Panel Wall Thickness | 0.136" [3.45 mm] (Max) |
| Body Material | Stainless Steel |
| Body Finish | Passivated |
| Contact Material | Beryllium Copper |
| Insulator Material | PEI |
| Adapter Body Style | Bulkhead |
| Weight | 0.2 Oz |
| Outline | CT-1F1F-B-LN1 |



1.0 mm (F) to 1.0 mm (F) Coaxial Adapter, Bulkhead

Mechanical Outline: (Unless otherwise specified, all dimensions are in inches [millimeters])



Note:

- Eravant reserves the right to change the information presented without notice.

Caution:

- Proper torque, 4.0 ± 0.15 inch-pounds (0.45 ± 0.02 Nm), should be applied. **Eravant torque wrench, model SCH-06004-S1, is highly recommended.**

