**2.92 mm/2.92 mm**

DC - 40 GHz, Hermetically Sealed, Coaxial Adapters

**DESCRIPTION**

"KPC292FFHA" is hermetically sealed 2.92 mm to 2.92 mm coaxial adapter that is;
- Low SWR and low loss
- Hermetic RF interface between vacuum and atmosphere environment
- Small mounting space
It is designed for broadband devices, instrument, and component testing applications.

**SPECIFICATIONS**

**Electrical:**
- Frequency Range: DC - 40 GHz
- SWR: < 1.5
- Insertion Loss: < 0.45 dB
- Electrical Length: Below (Nominal)
- Temperature Range: -55 to +125 °C

**Mechanical:**
- Body and Outer Conductor: Gold Plated Stainless Steel and Brass
- Inner Conductor: Gold Plated Beryllium Copper
- Inner and Outer Conductor for Seal: Gold Plated Fe/Ni/Co Alloy (KOVAR)
- Gasket for Flange Seal: Fluoroelastomer “O” Ring
- Coupling Torque: 90 N-cm (Nominal)
- Connect/Disconnect Life: > 1,000 Cycles
- He Leak Rate (*): < 1x10^-10 Pam^3/sec (< 1x10^-9 atm cc/sec)

**NOTE:**
All dimensions are in millimeters.

[1] Chamfer: < 0.05 mm
[2] “Smooth surface” required

(*): As Per MIL-STD-883E, METHOD1014.10, Test Condition A4

Specifications Subject to Change Without Notice
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