**2.92mm**

**DC - 40GHz, Two-hole Flange Launchers & Glass Bead**

**DESCRIPTION**

"KPC292M302 and KPC292F302" Two-hole Flange launcher connectors and "GB292" glass bead are designed for broadband devices and units with coaxial I/O interfaces.

**SPECIFICATIONS:**

**Connectors**

- **Electrical:**
  - Frequency Range: DC - 40 GHz
  - Return Loss: >15 dB(*)
  - Temperature Range: -55 to +125 deg.C

- **Mechanical:**
  - Body and Outer Conductors: Passivated Stainless steel
  - Inner Conductors: Gold Plated Beryllium Copper and Brass
  - Coupling Torque: 90 N-cm(Nominal)
  - Connect/Disconnect Life: >1,000 Cycles

**Glass Bead**

- **Electrical:**
  - Frequency Range: DC - 40 GHz
  - Return Loss: >15 dB(*)
  - Temperature Range: -55 to +125 deg.C

- **Mechanical:**
  - Outer and inner Conductors: Gold Plated Fe/Ni/Co Alloy (KOVAR)
  - Insulator: #7070 Glass (Corning)

**Others:**

- Soldering temperature: 330 deg.C(max)
- He leak rate: <1x10^-10 Pam3/sec

**Typical Performance**

- Note: (*) As std DUT configuration

**Test configuration**

**Std DUT:** Cascaded KPC292M302, GB292 and KPC292F302

**Interface Mating Dimensions of KPC292 (2.92mm Connectors)**

- All dimensions are in Millimeters.
- (**) Thermo-Sonic wire bondable gold plating

---

Copyright(C) 2007 KAWASHIMA Mfg. Co., Ltd. All rights reserved.