

1.85mm

DC - 65GHz, Sparkplug Launcher Connectors & Glass Bead

DESCRIPTION

"KPC185M301/KPC185M301H and KPC185F301/KPC185F301H" sparkplug launcher connectors and "GB185" glass bead are designed for broadband devices and units with coaxial I/O interfaces.

SPECIFICATIONS:

Connectors

Electrical:

Frequency Range DC - 65 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 - 65 GHz
Temperature Range -55 to +125 deg.C

Mechanical:

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

Others:

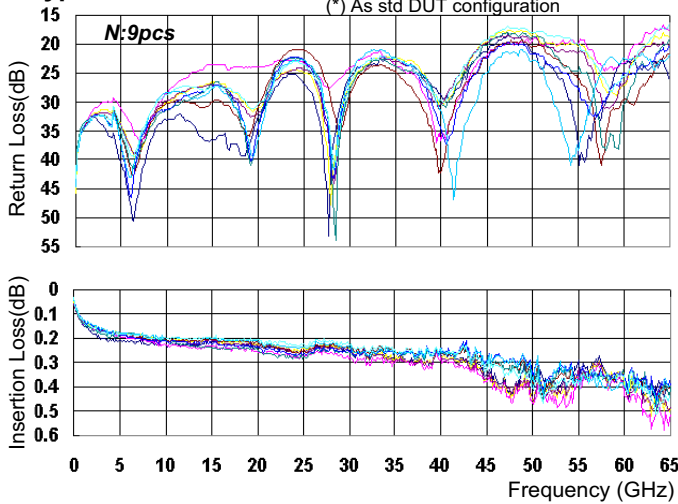
Soldering temperature 330 deg.C(max)
He leak rate 1×10^{-10} P_{am}³/sec



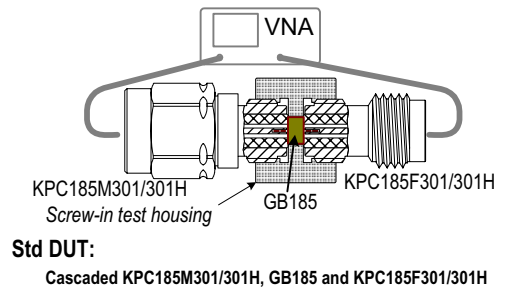
Production Status
Two weeks Lead-Time will be available for shipping.

Typical Performance

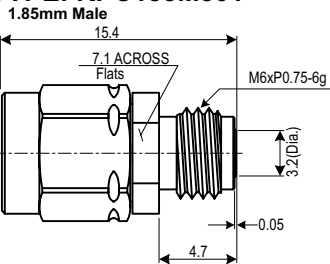
Note:
(*) As std DUT configuration



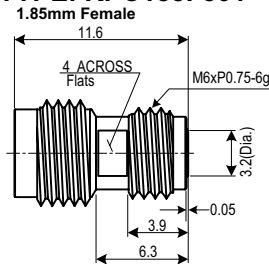
Test configuration



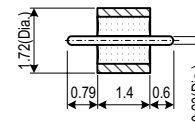
TYPE: KPC185M301



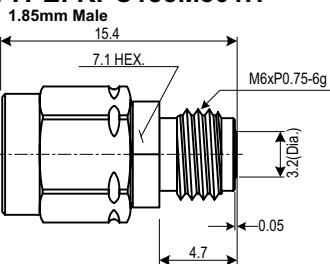
TYPE: KPC185F301



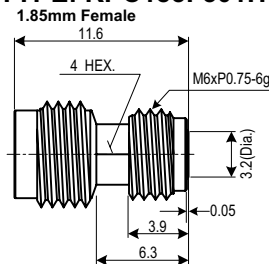
TYPE: GB185 Glass Bead



TYPE: KPC185M301H

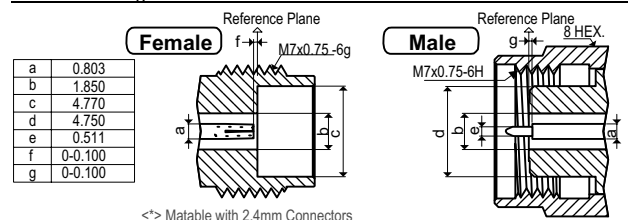


TYPE: KPC185F301H



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

Interface Mating Dimensions of KPC185M301 & KPC185F301 Launchers<*>



<*> Matable with 2.4mm Connectors

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Specifications Subject to Change Without Notice.

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