

Part No. WCON-24FSEL-04

50GHz 2.4mm(F)180°, Vertical Launch PCB Connector (Microstrip)



Features:

- Low VSWR
- Easy & Solderless Installation on designed substrate



Electrical Specification

Frequency	DC-50GHz
VSWR	1.3:1(Max.)
Impedance	50 Ohm
Connector Type	2.4mm Female

Material Specification

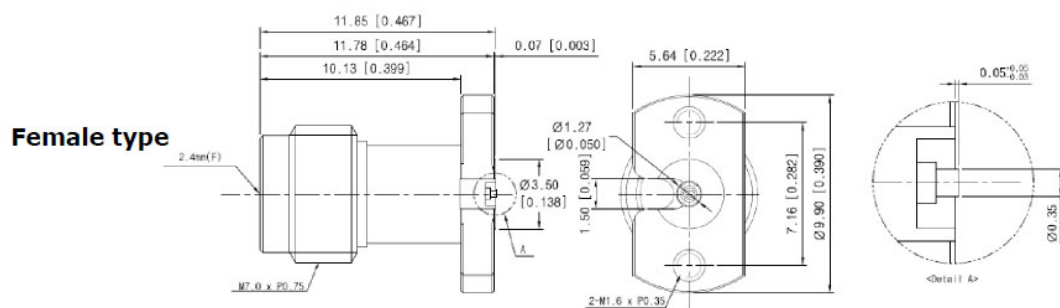
Body	Stainless Steel-Polished & Passivated
Center Contact	Beryllium Copper Plated Gold

Environmental Specification

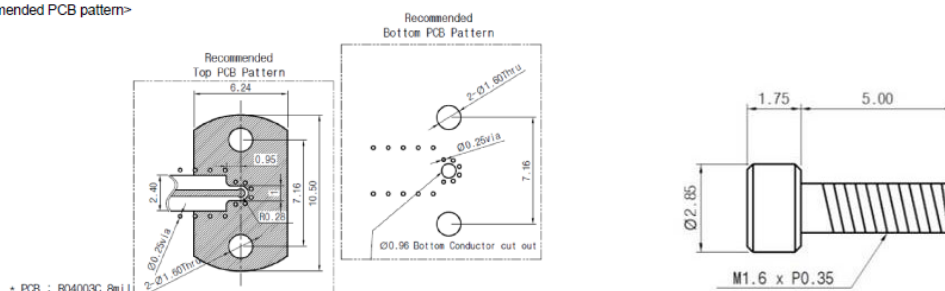
Operating Temperature	-40~+135℃
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Outline

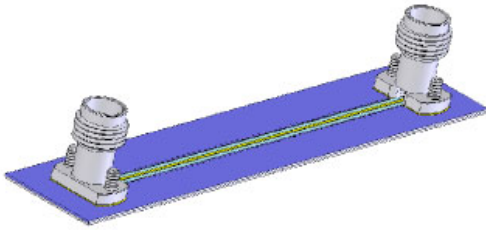
Unit:mm



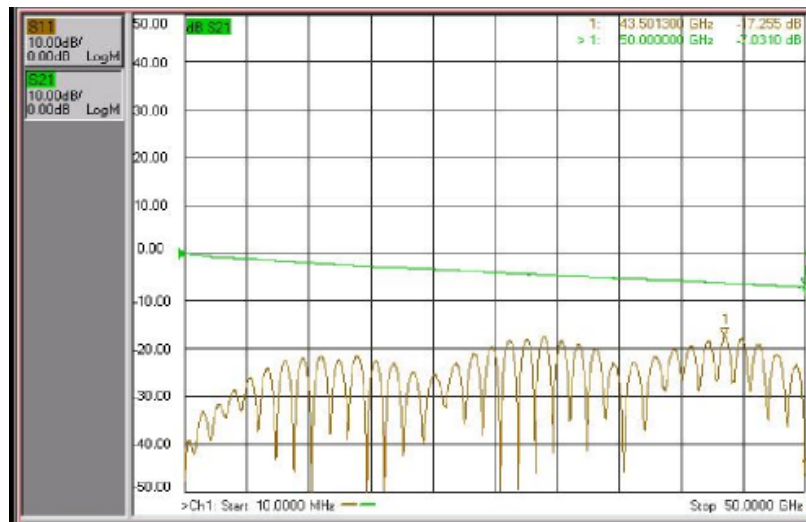
<Recommended PCB pattern>



Test Report



Substrate : RO4003C(8 mil)/ Trace length : 60 mm Stripline)

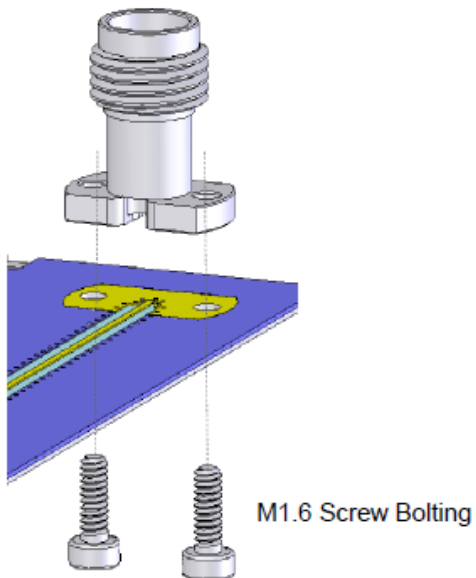


■ Installation Procedure

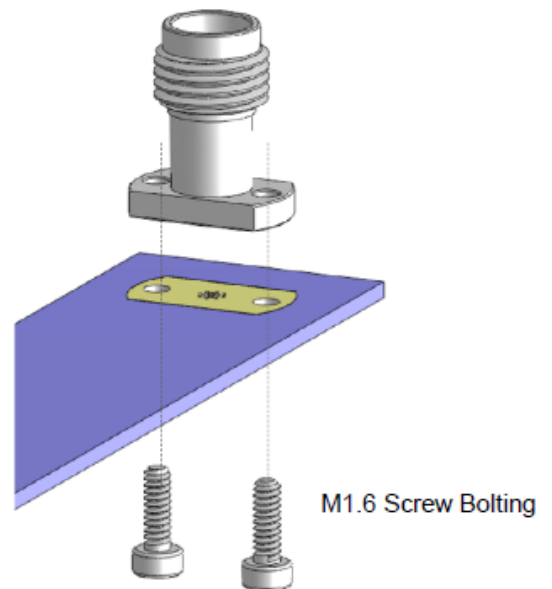
STEP 1 :

Launch vertical connector on the position of substrate.

Microstrip Line



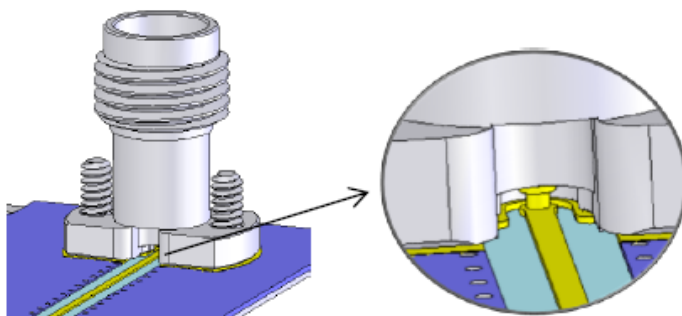
Stripline



STEP 2:

Ensure Connector Body should be tighten against the substrate using two screws while ensuring center pin should be centered on the trace.

Microstrip Line



Stripline

