

Part No. WCON-18FSEL

67GHz 1.85mm(F)180°,End Launch PCB Connector



Features:

- High repeatability
- Low VSWR



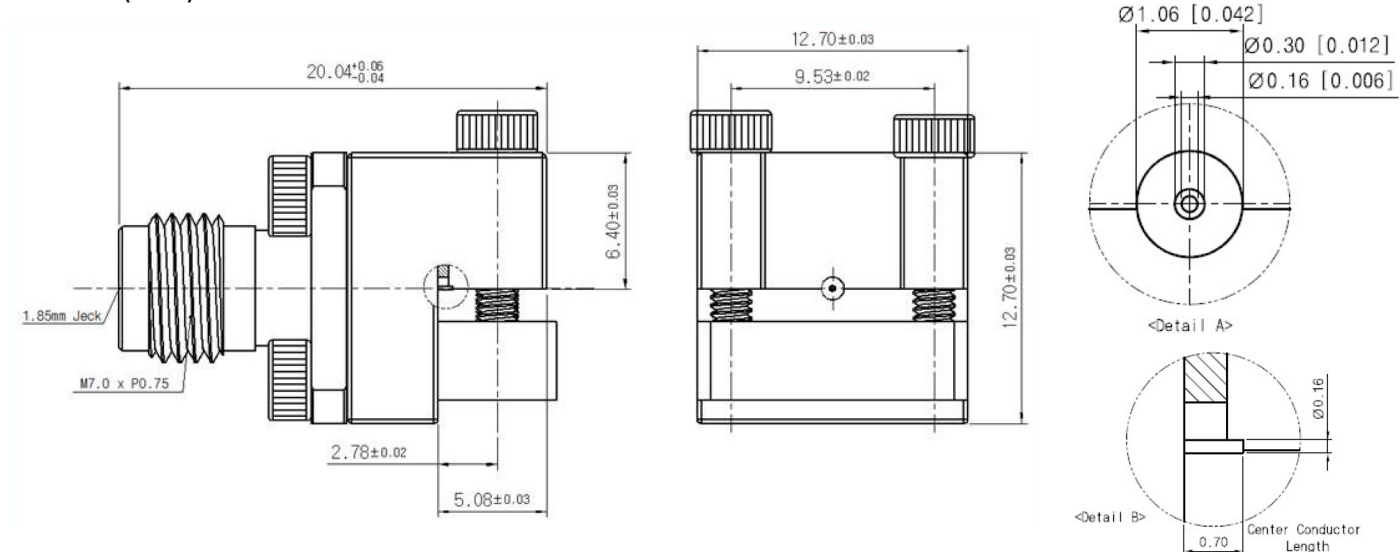
Electrical Specification	
Frequency	DC-67GHz
VSWR	1.4:1(Max.)
Impedance	50 Ohm
Connector Type	1.85mm Female

Mechanical Specification	
Durability	500Cycles

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

Outline Drawing

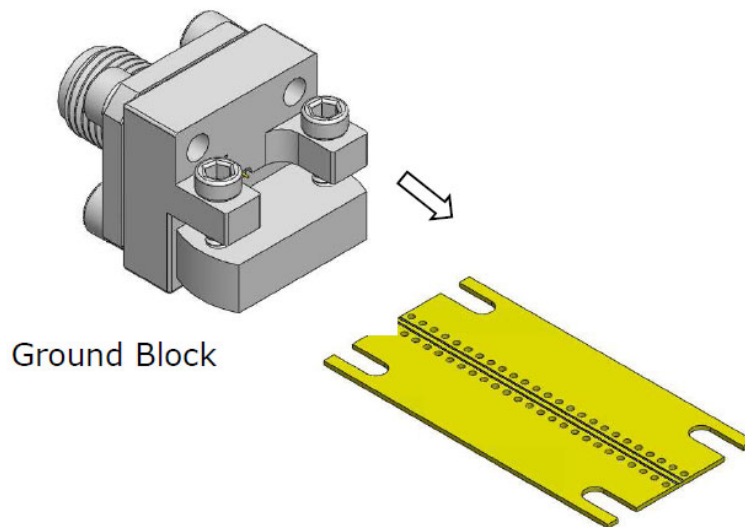
Unit:mm(inch) Tolerance:±0.02mm



Installation Procedure

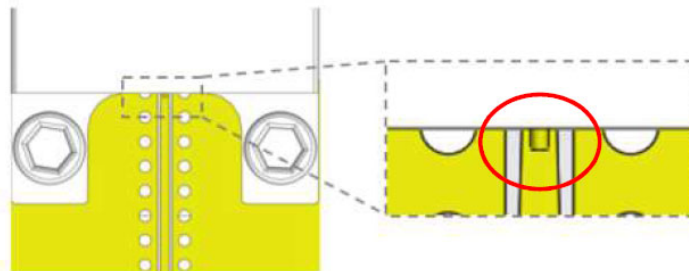
Step 1:

Insert end launch connector (including block & screws) in the edge position of substrate.



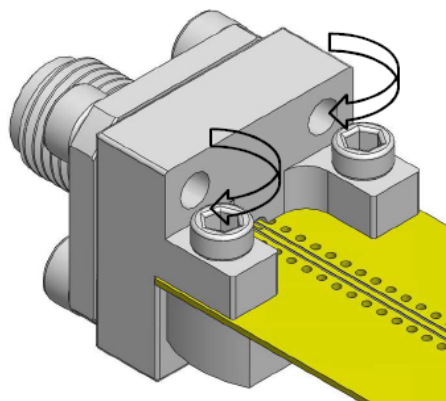
Step 2:

Ensure the pin is centered on the trace.



Step 3:

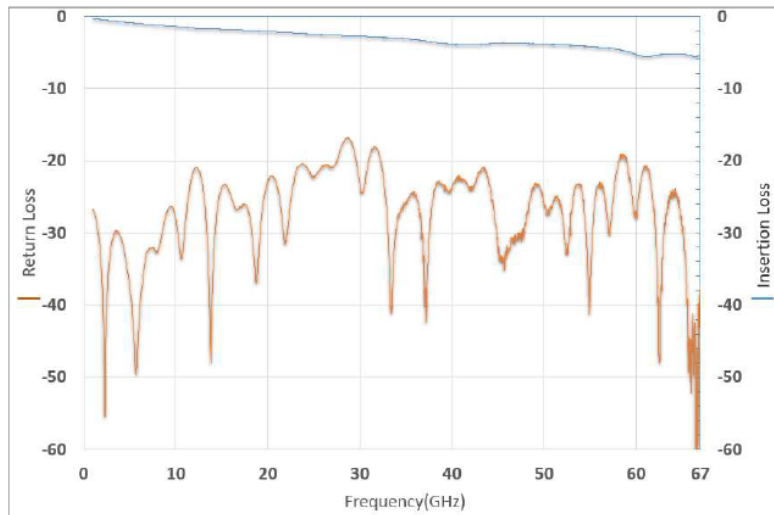
Ensure the block is tight against the substrate.



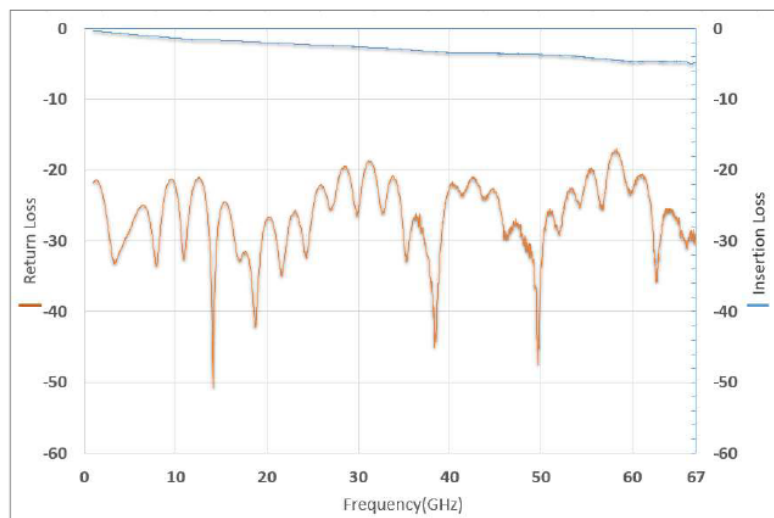
Test Result**GCPWG Structure**

(Substrate length : 1 inch (=25.4 mm))

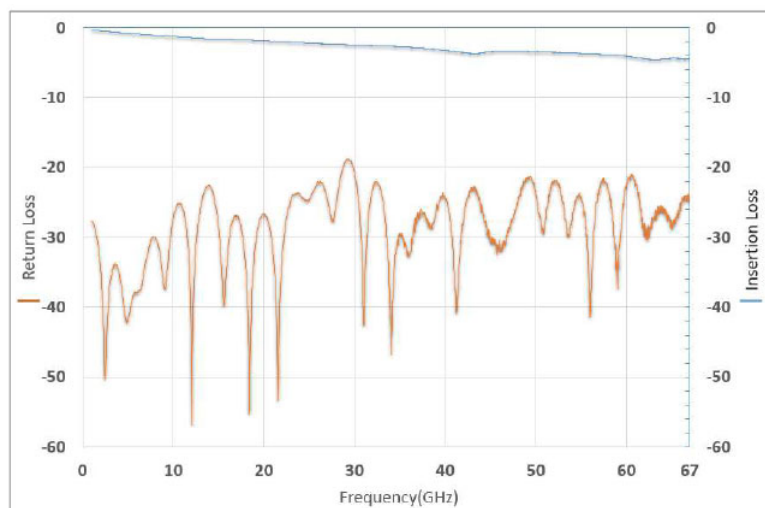
Substrate : RO4003C (8 mil)



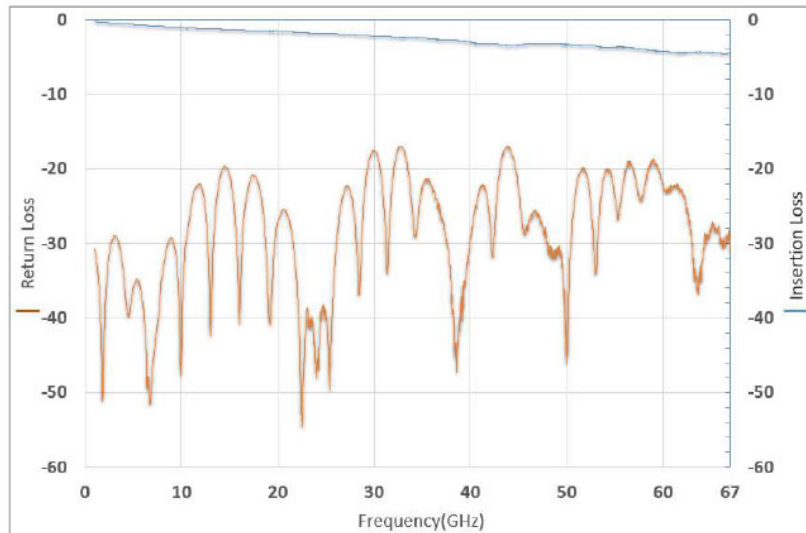
Substrate : RO4350B (10 mil)



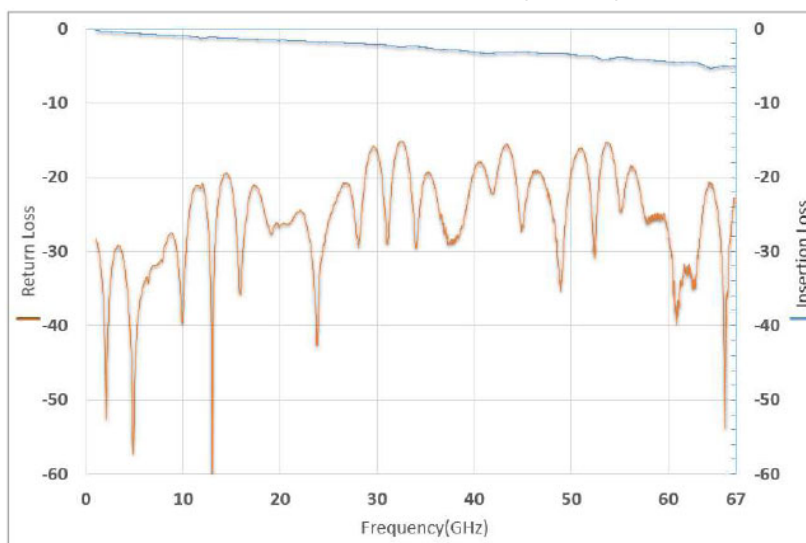
Substrate : Duroid5880 (5 mil)



Top Ground Microstrip
(Substrate length : 1 inch (=25.4 mm))
Substrate : RO4003C (8 mil)



Substrate : RO4350B (10 mil)



Substrate : Duroid5880 (5 mil)

