Part No. WCON-24FSEL

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



Features:

- High repeatability
- Low VSWR

RoHS Compliant

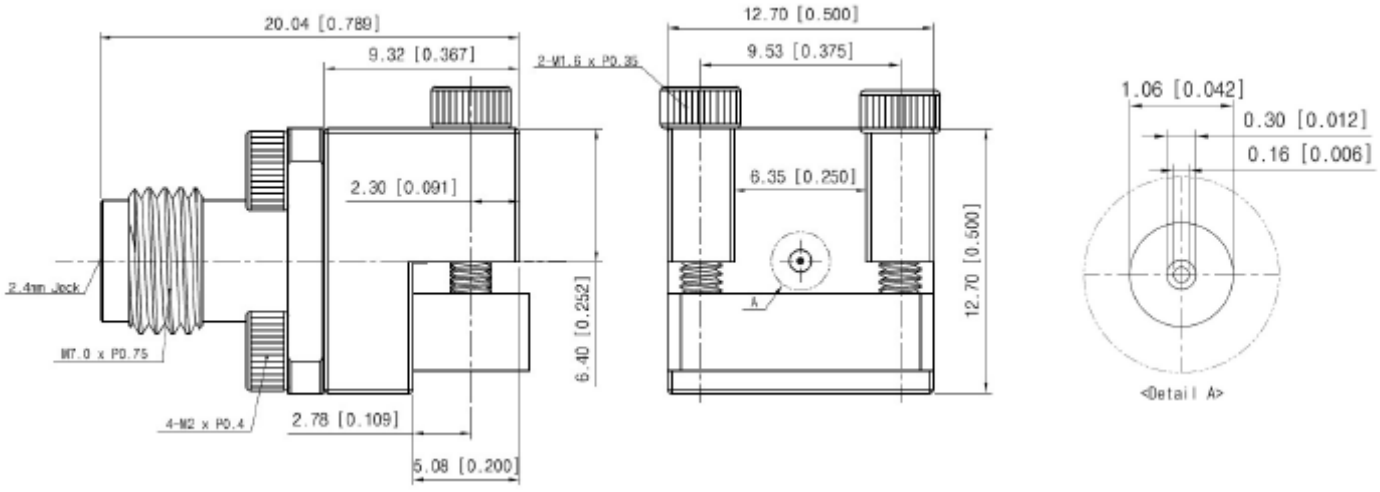
Electrical Specification	
Frequency	DC-50GHz
VSWR	1.4:1(Max.)
Impedance	50 Ohm
Connector Type	2.4mm Female

Mechanical Specification	
Durability	500Cycles

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

Outline Drawing

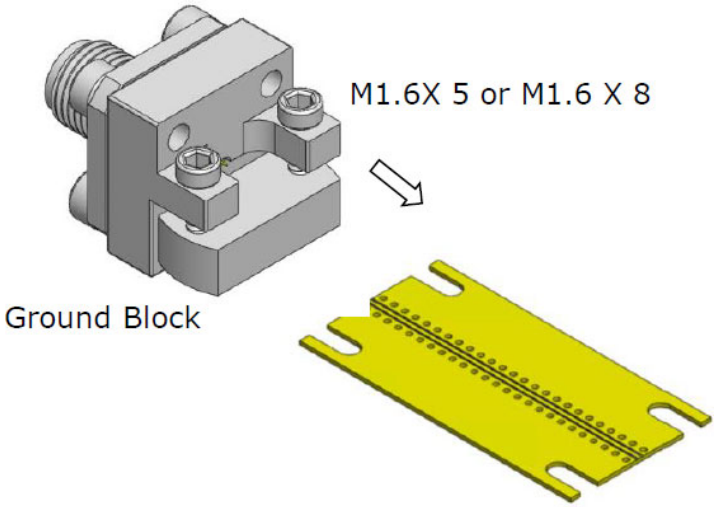
Unit:mm(inch)



Installation Procedure

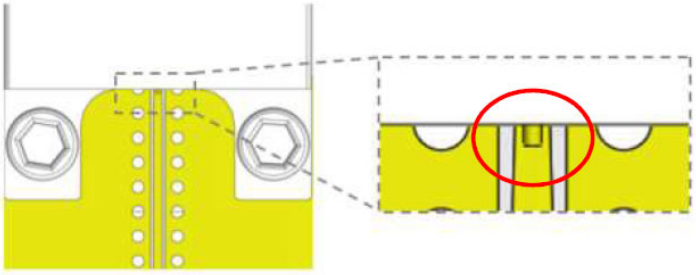
Step 1:

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



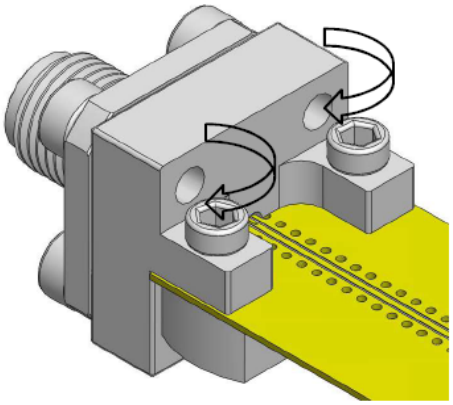
Step 2:

Ensure the pin is centered on the trace.



Step 3:

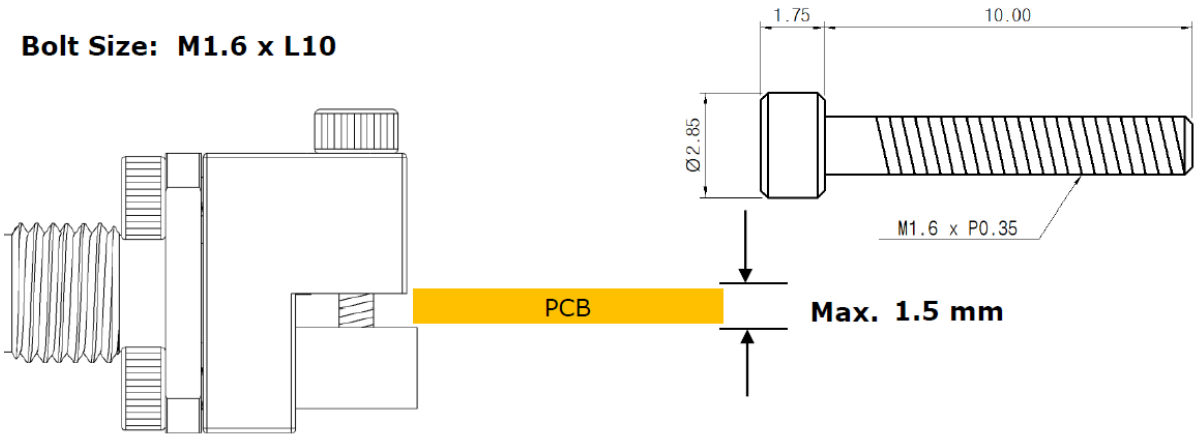
Ensure the block is tight against the substrate.



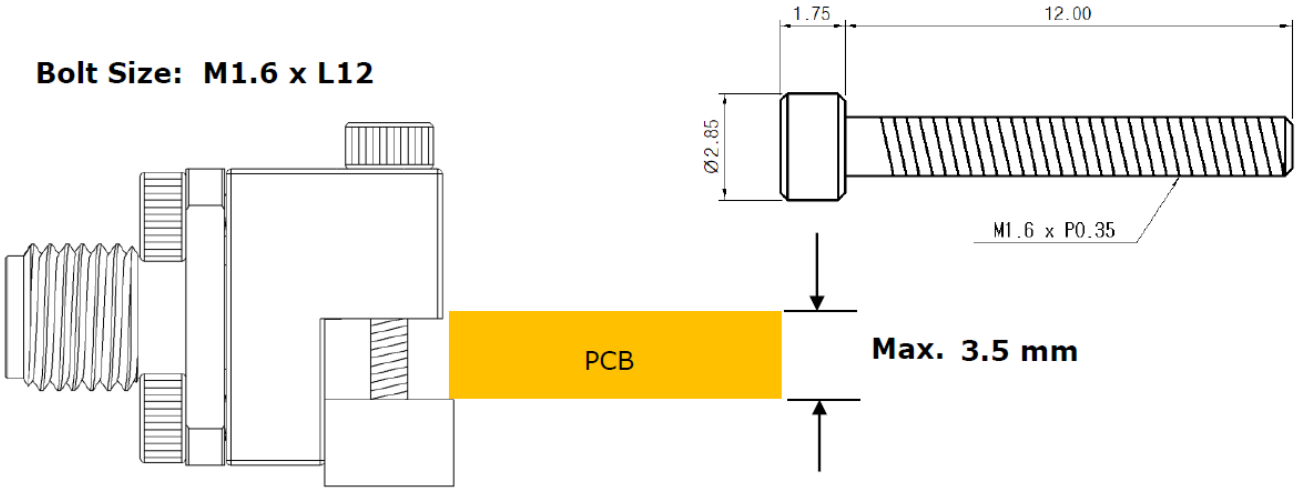
Maximum PCB Thickness (Standard Profile type)

Unit : mm

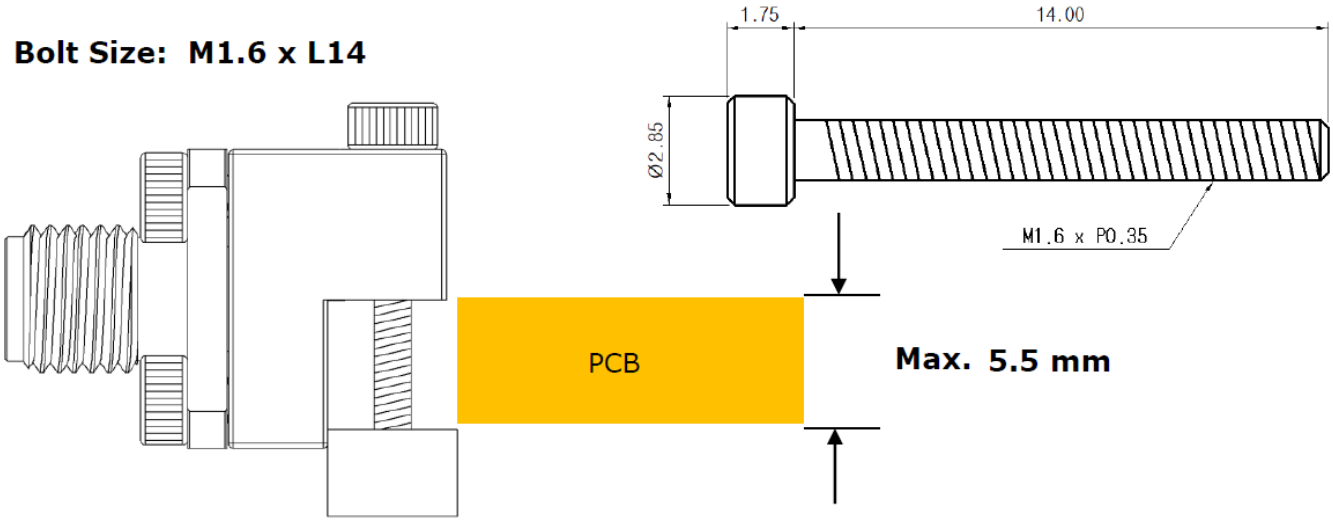
Bolt Size: M1.6 x L10



Bolt Size: M1.6 x L12



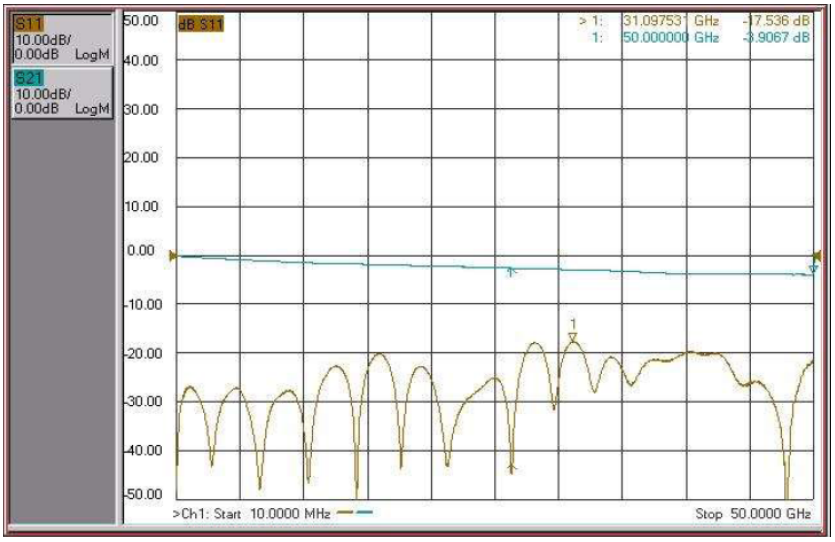
Bolt Size: M1.6 x L14



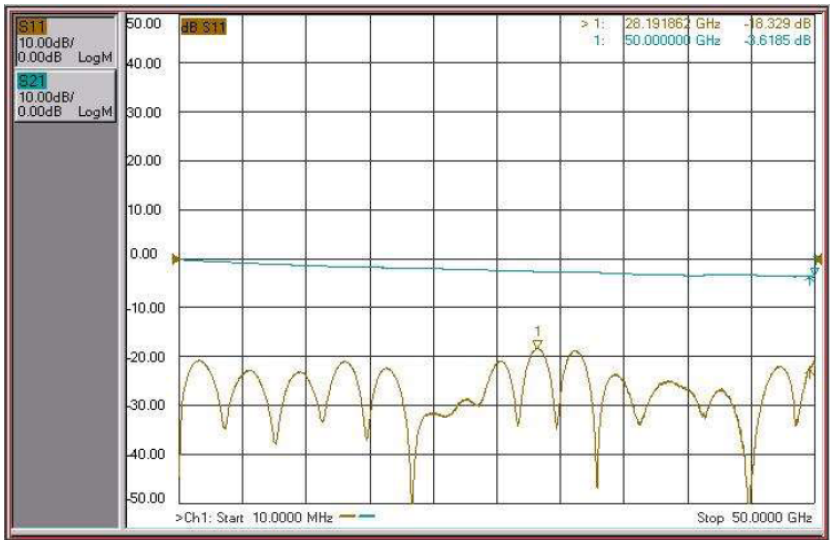
Test Result

GCPWG Structure

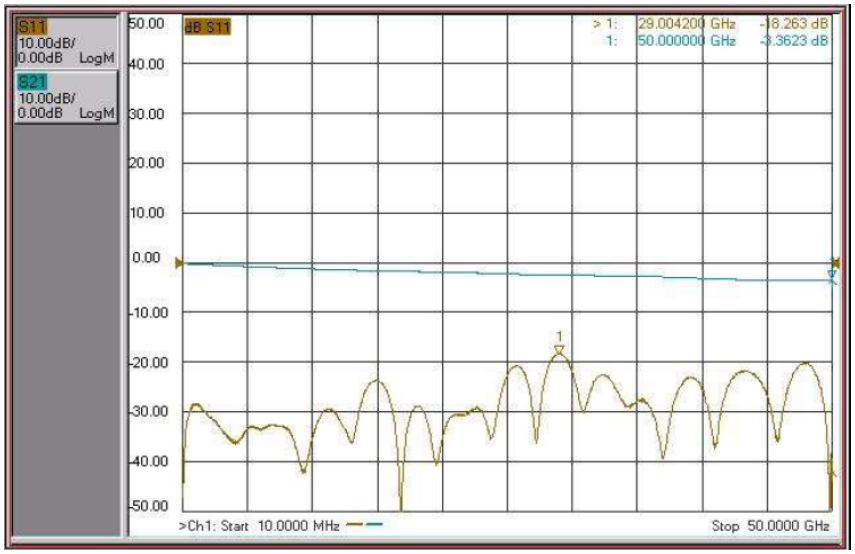
Substrate : RO4003C (8 mil)



Substrate : RO4350B (10 mil)

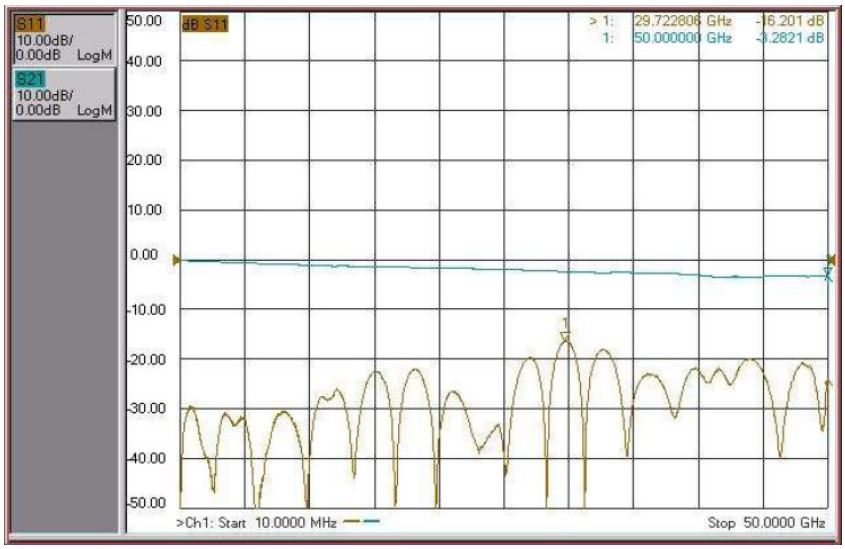


Substrate : Duroid5880 (5 mil)

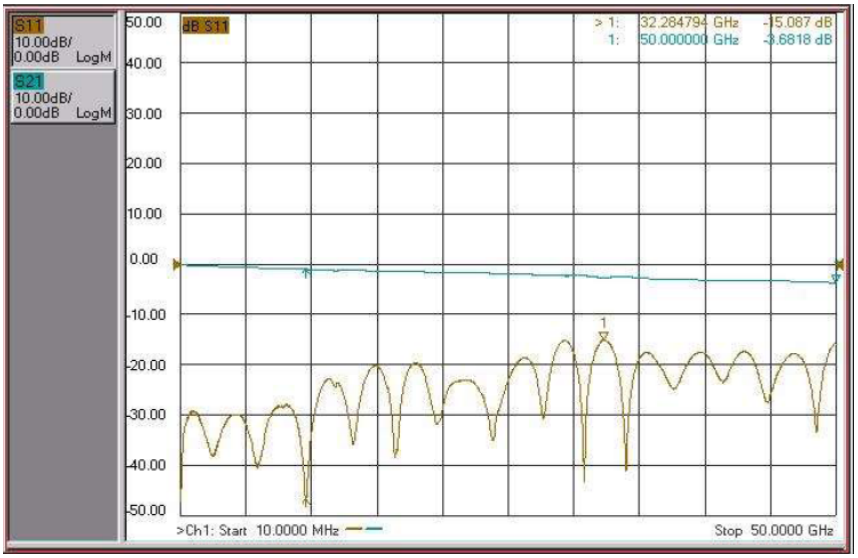


Top Ground Microstrip

Substrate : RO4003C (8 mil)



Substrate : RO4350B (10 mil)



Substrate : Duroid5880 (5 mil)

