Part No. WCON-08FSE-01

145GHz 0.8mm(F)180°,Vertical Launch PCB Connector (Microstrip Type)



Features:

- High repeatability
- Low VSWR

RoHS Compliant

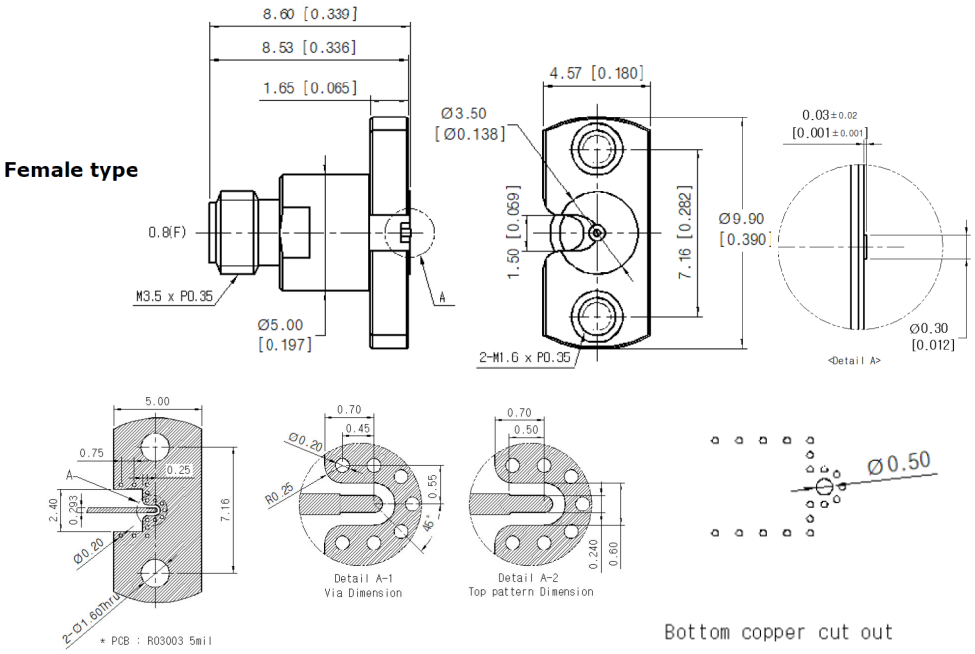
Electrical Specification	
Frequency	DC- 145GHz
VSWR	2.0:1(Max.)
Impedance	50 Ohm
Connector Type	0.8mm Female

Mechanical Specification	
Durability	500Cycles

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

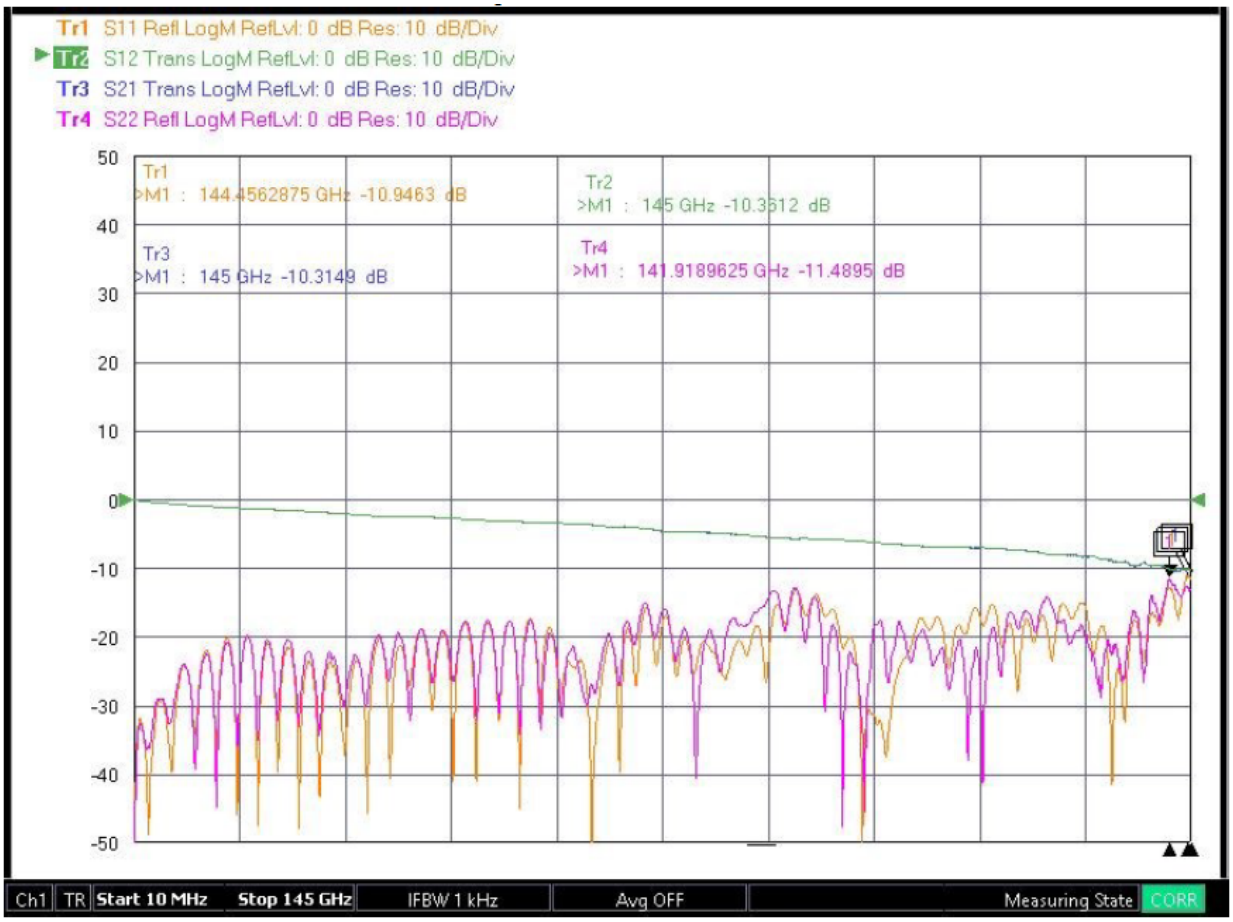
Outline Drawing

Unit:mm(inch)



Test Curve

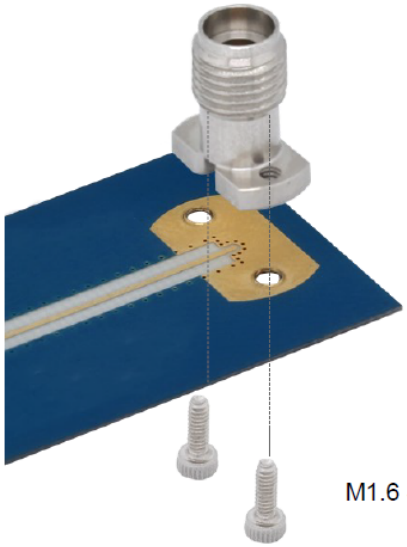
Substrate : RO4003C(8 mil)/ Trace length : 70 mm Stripline)



Installation Procedure

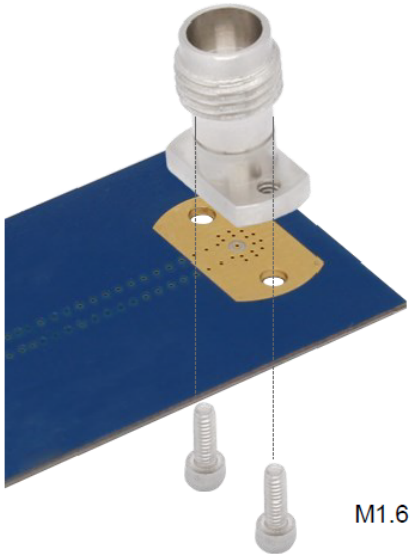
STEP 1 :
Launch vertical connector on the position of substrate.

Microstrip Line



M1.6 Screw Bolting

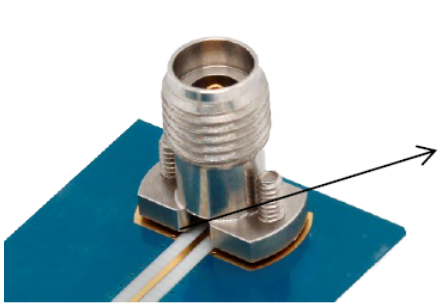
Stripline

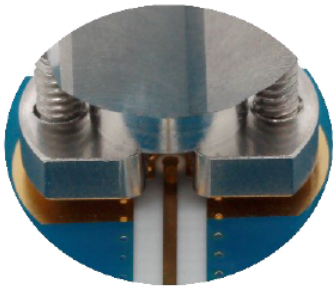


M1.6 Screw Bolting

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

