

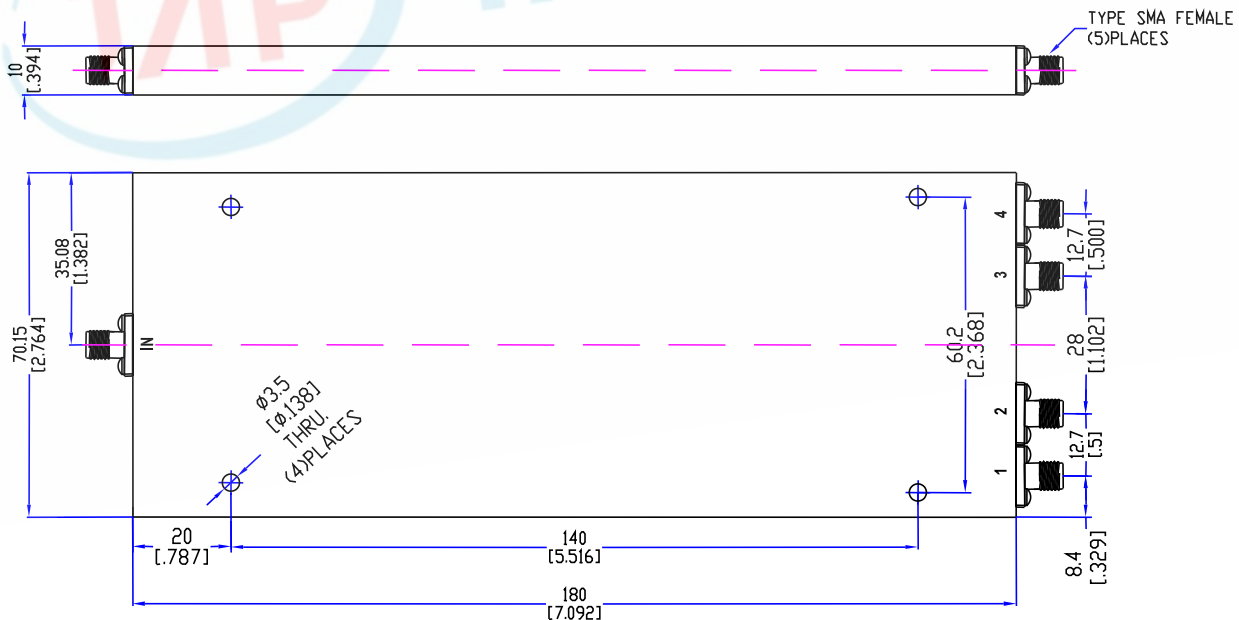
Model TPD005180A4

Features

Excellent phase& amplitude balance
 Low Insertion Loss& VSWR
 High Isolation

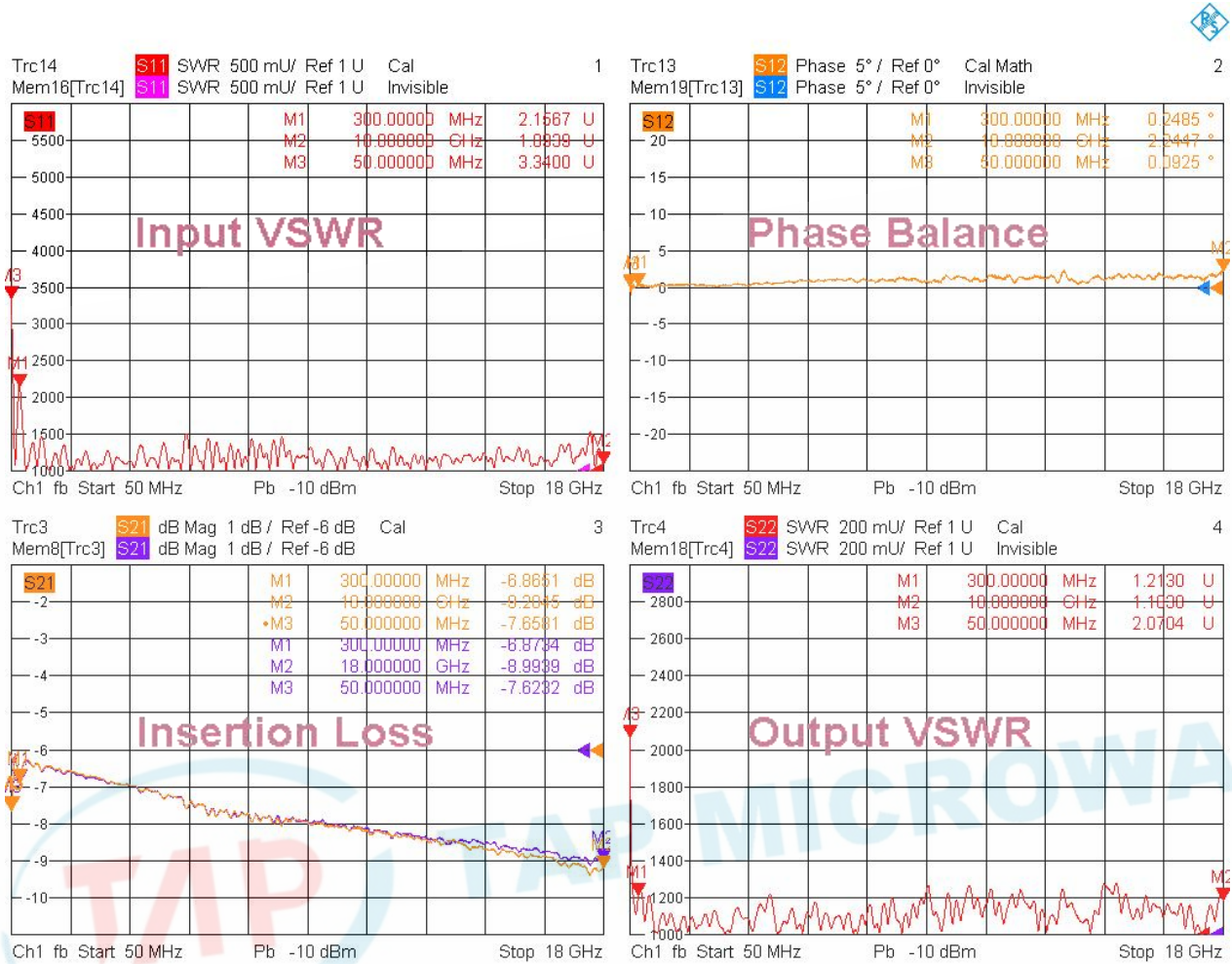
Technical Data Sheet			
Frequency Range	0.05~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤4.2dB (Above 6.02dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤3.50:1@0.05-0.4GHz ≤2.30:1@0.4-18GHz Output≤0.2:1@0.05-0.4GHz ≤1.80:1@0.4-18GHz	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥3dB@0.05-0.4GHz ≥16dB@0.4-18GHz	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.0dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±10°	Operating Temperature	-55~+85℃
Power Handling	Forward ≤1Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	330g
Port Connectors	SMA-Female		

¹Power Handling guaranteed when load's VSWR within 1.50:1.



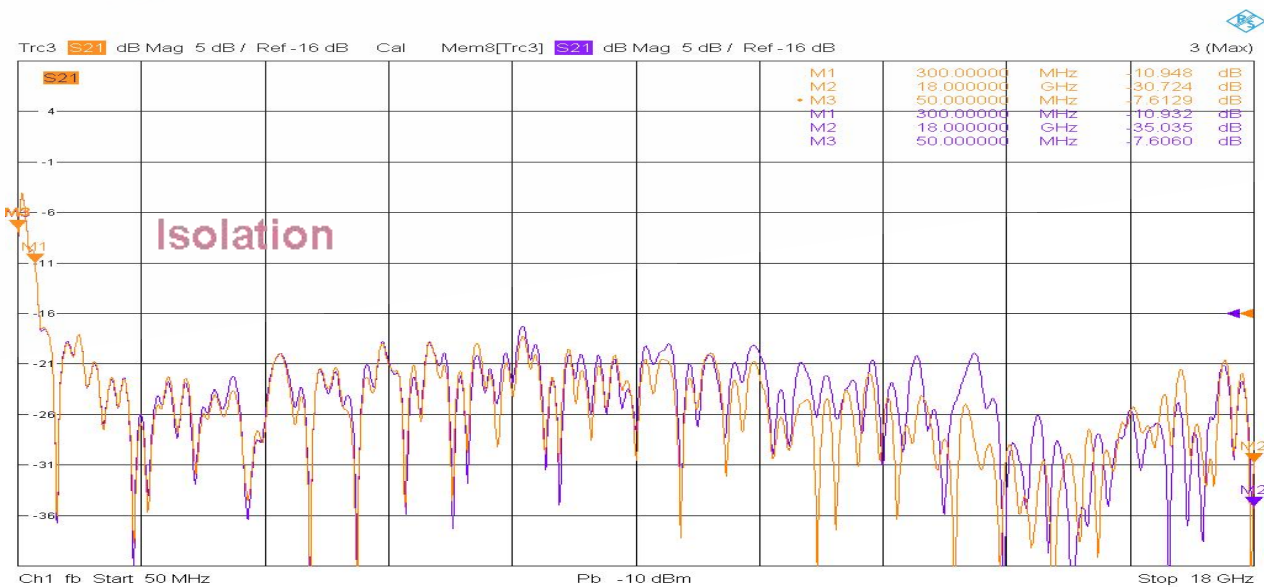
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



8/15/2024, 5:10 PM

2. Isolation



8/15/2024, 5:11 PM

