

Model TPD03180A2A

Features

Excellent phase& amplitude balance

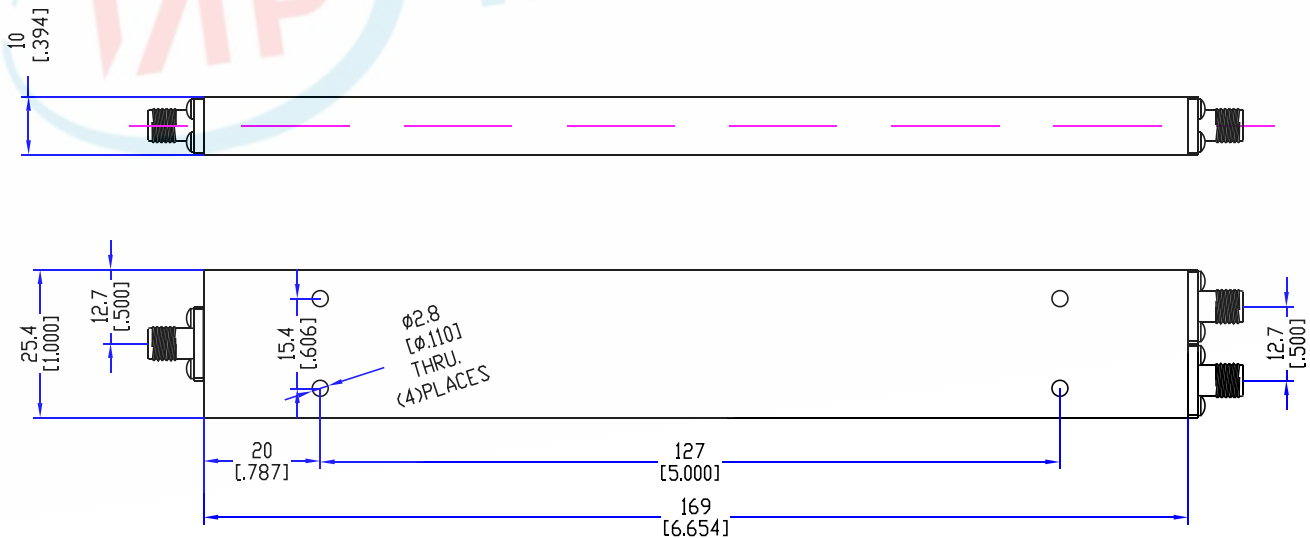
Low Insertion Loss& VSWR

High Isolation

Technical Data Sheet

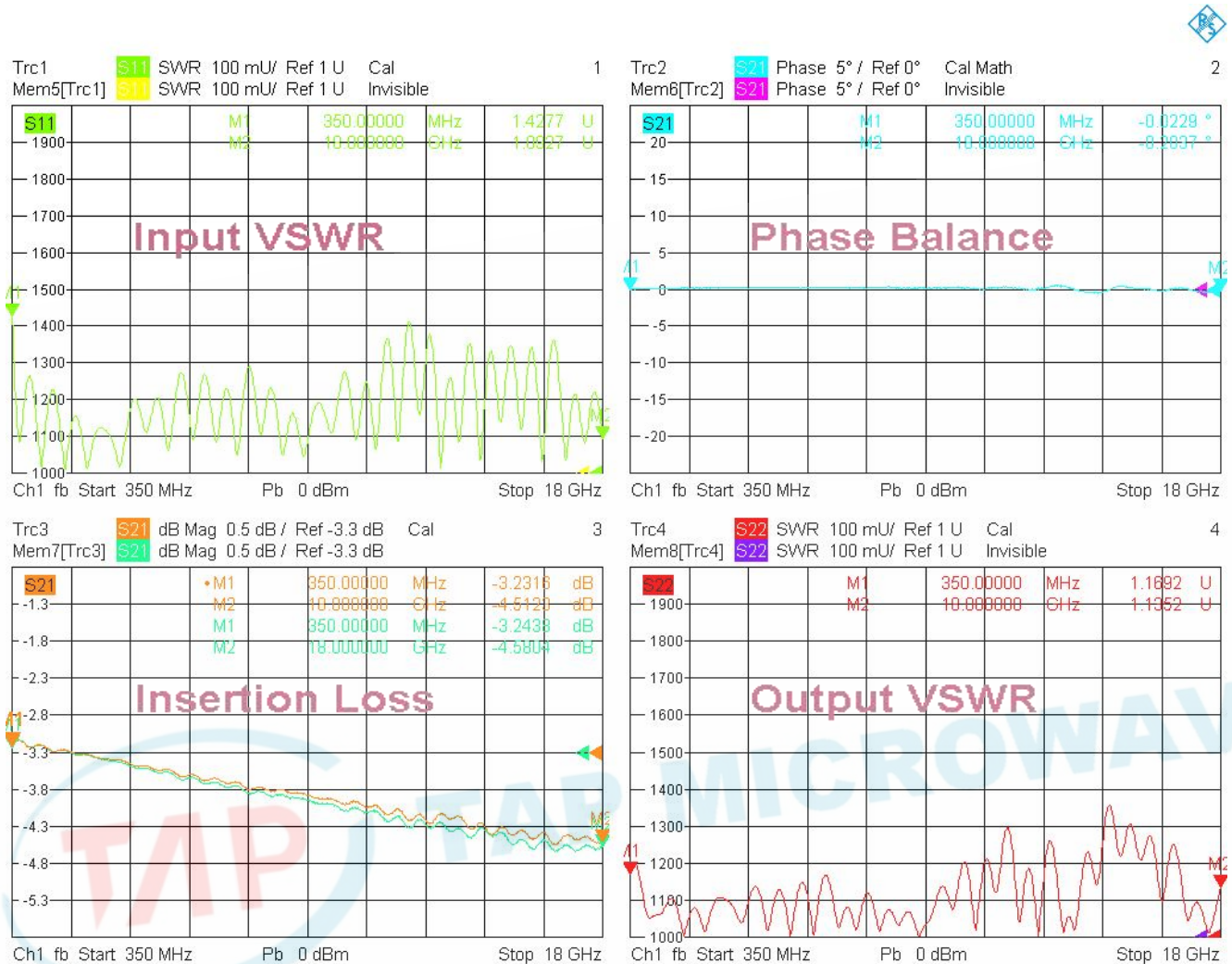
Frequency Range	0.35~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.8dB (Above 3.01dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.90:1 Output ≤1.60:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥10dB@0.35-0.5GHz ≥14dB@0.5-18GHz	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85℃
Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	100g
Port Connectors	SMA-Female		

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



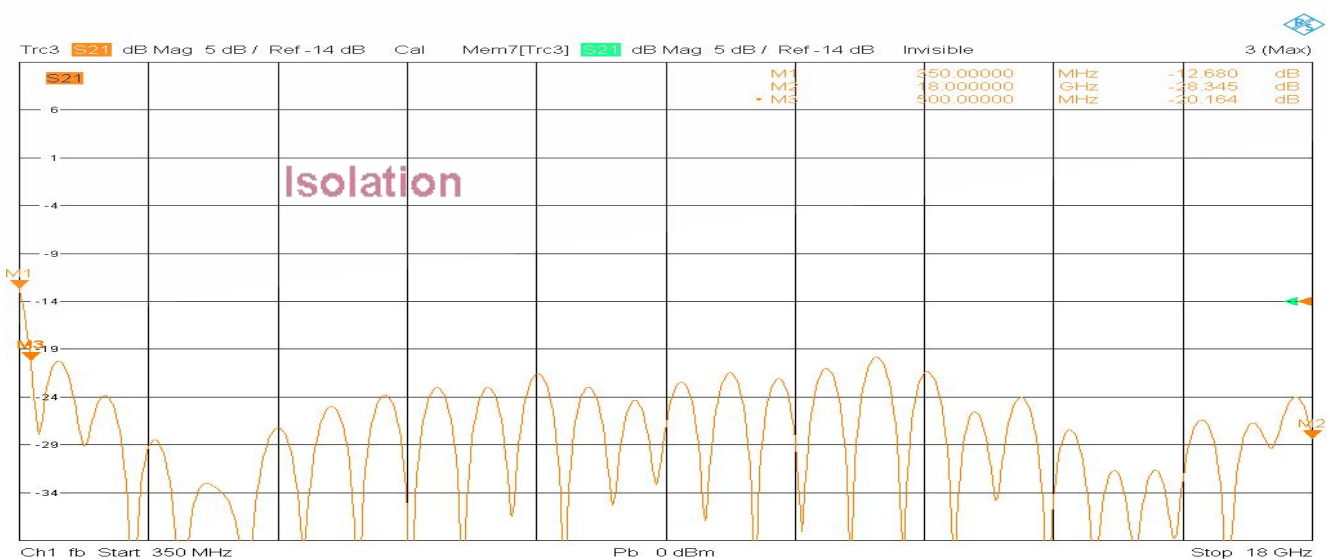
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



8/2/2022, 4:56 PM

2. Isolation



8/2/2022, 5:01 PM

