

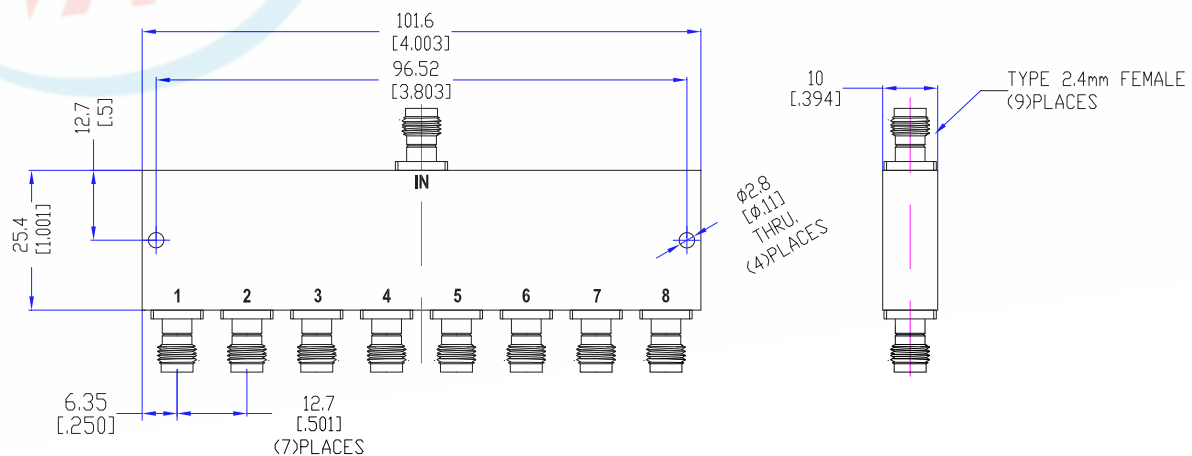
Model TPD100500A8

Features

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

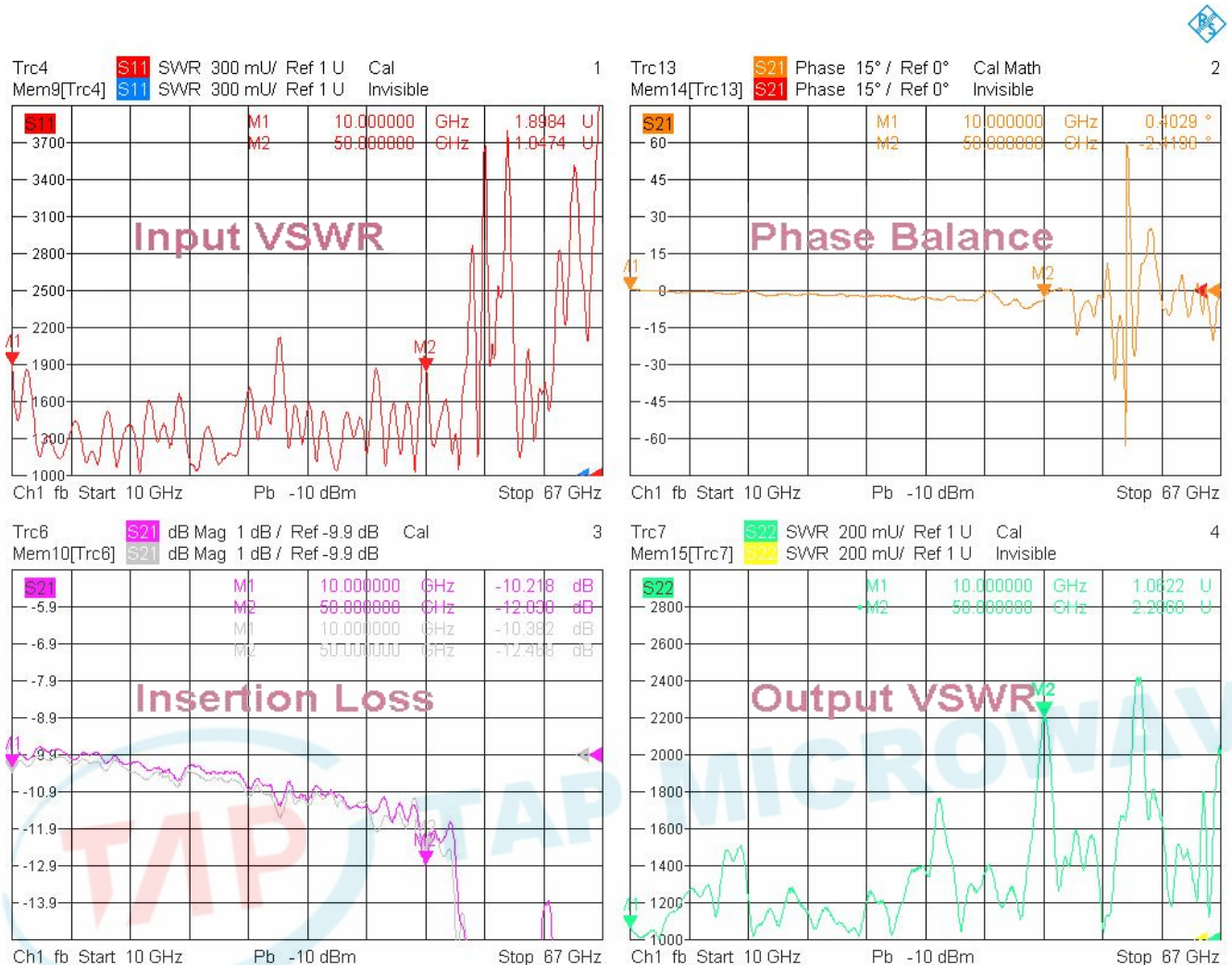
Technical Data Sheet			
Frequency Range	10~50GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤8.2dB (Above 9.03dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.90:1 Output ≤1.80:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥12dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.0dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±15°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤20Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	180g
Port Connectors	2.4mm-Female		

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



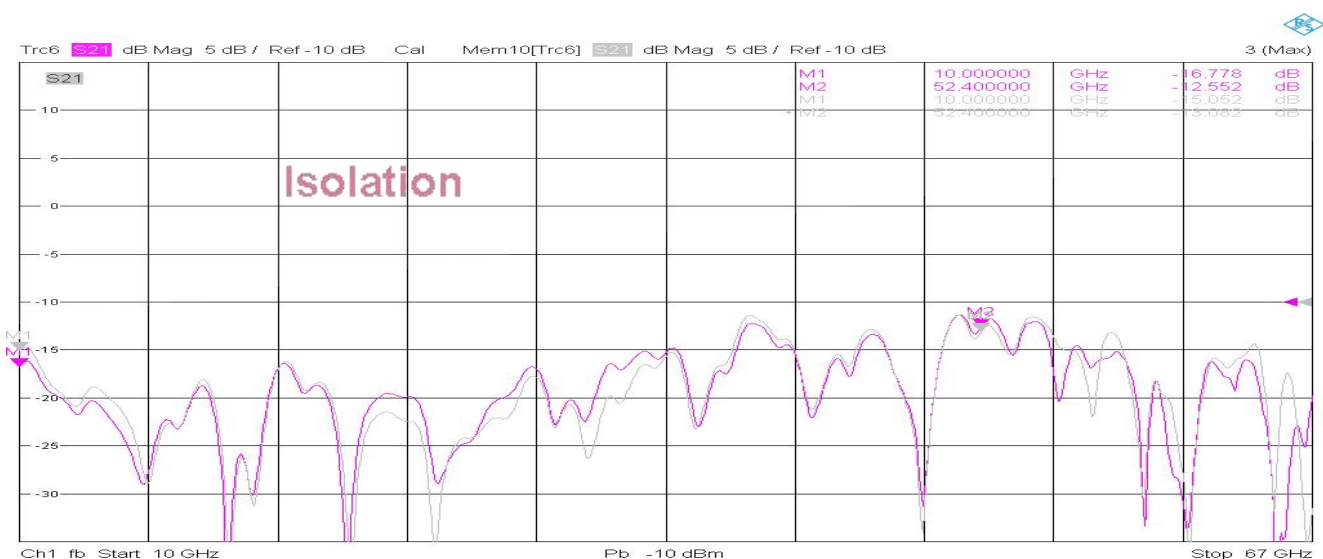
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



2/26/2025, 4:13 PM

2. Isolation



2/26/2025, 4:15 PM

