

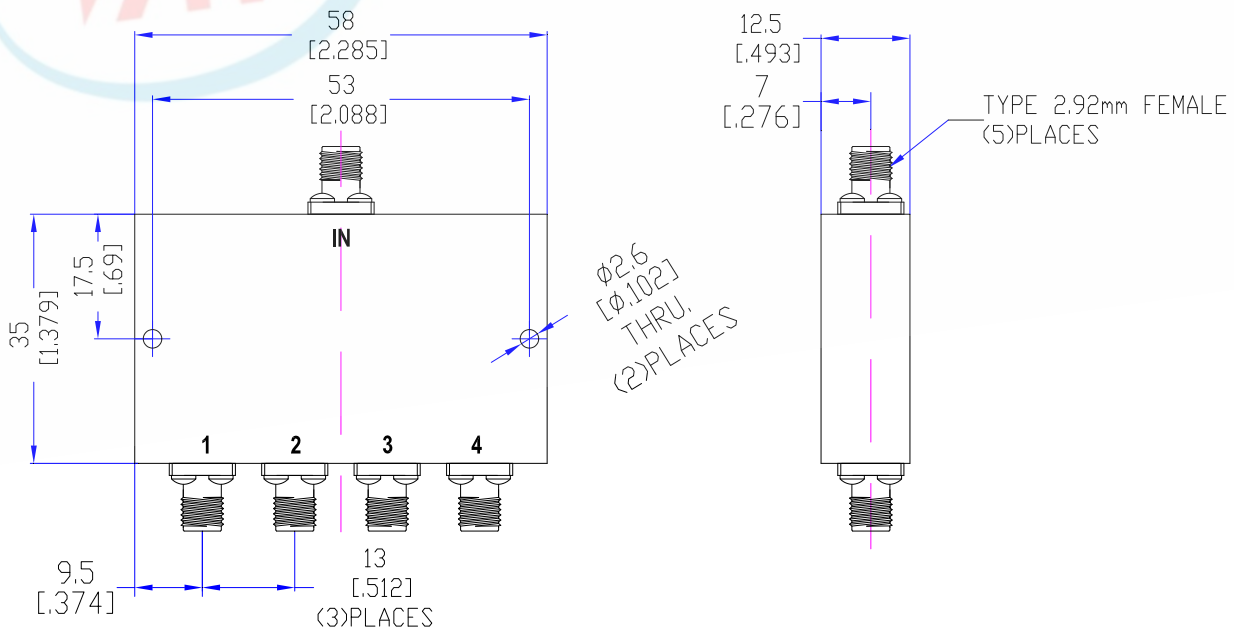
Model TPD100400A4C

Features

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

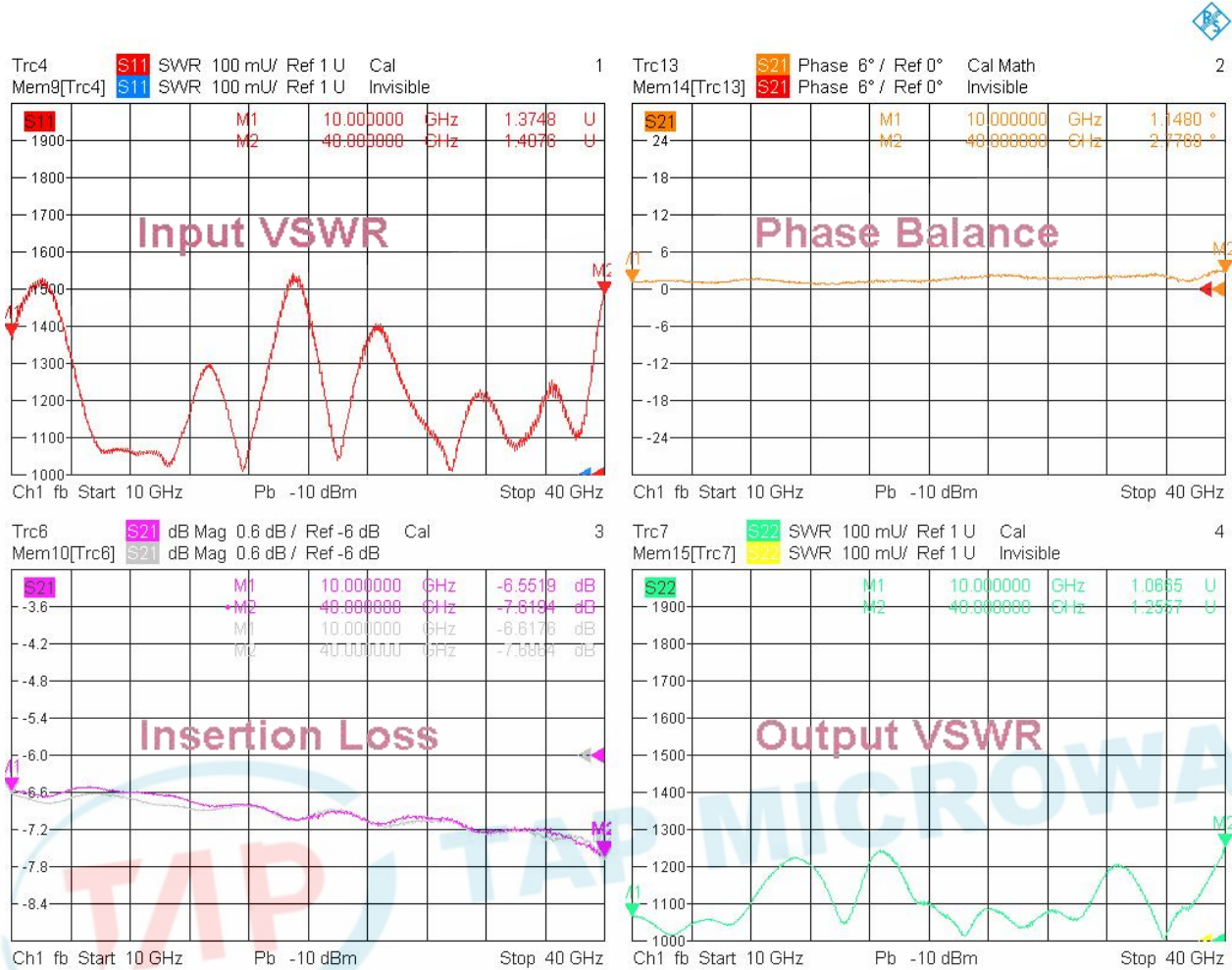
Technical Data Sheet			
Frequency Range	10~40GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤3.0dB (Above 6.02dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.80:1 Output ≤1.60:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥14dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.6dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±8°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤10Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	50g
Port Connectors	2.92mm-Female		

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



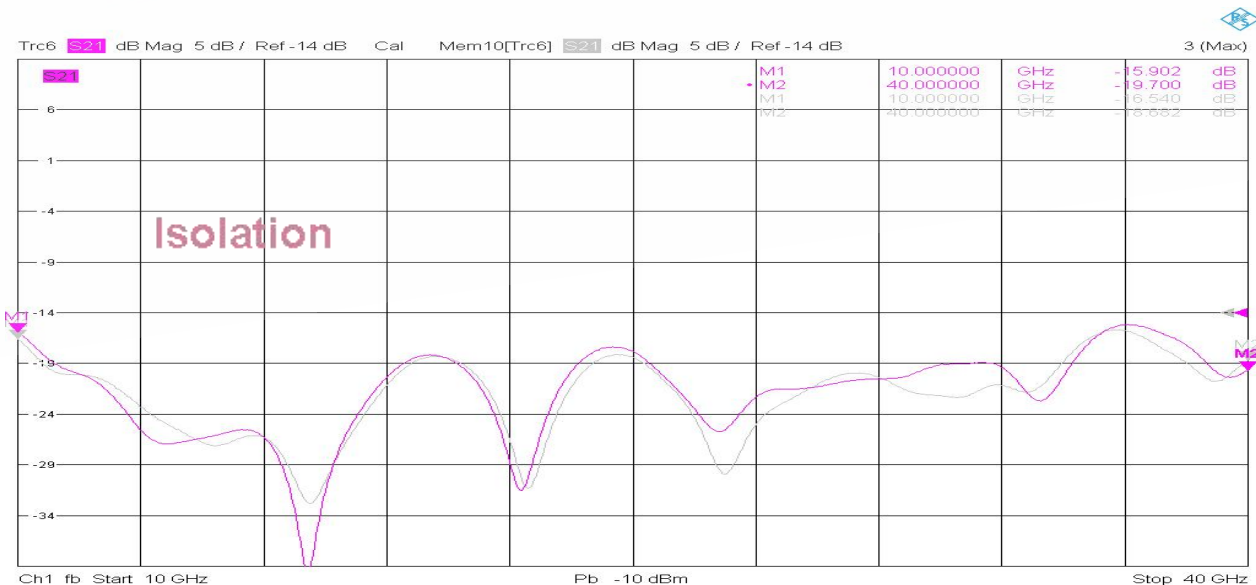
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



3/3/2023, 9:27 AM

2. Isolation



3/3/2023, 9:59 AM

