

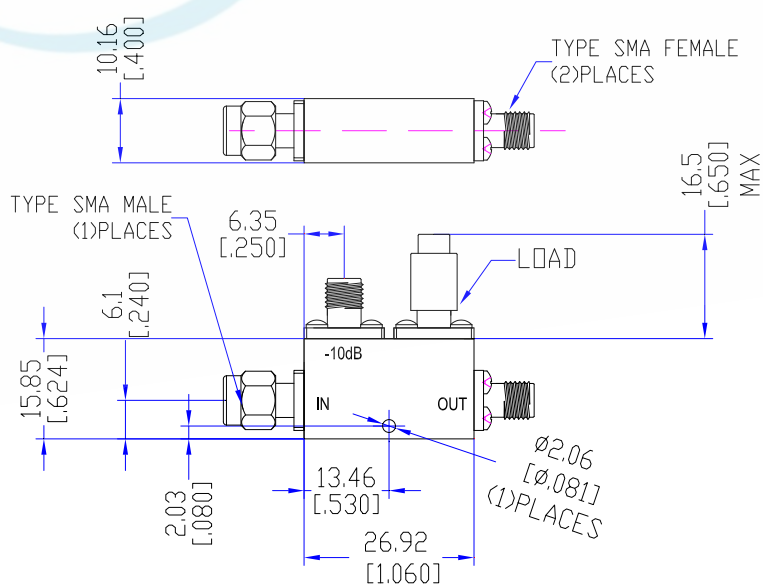
Model TDC170220A10M

Features

Low VSWR
High Directivity
Broadband & Miniature Size

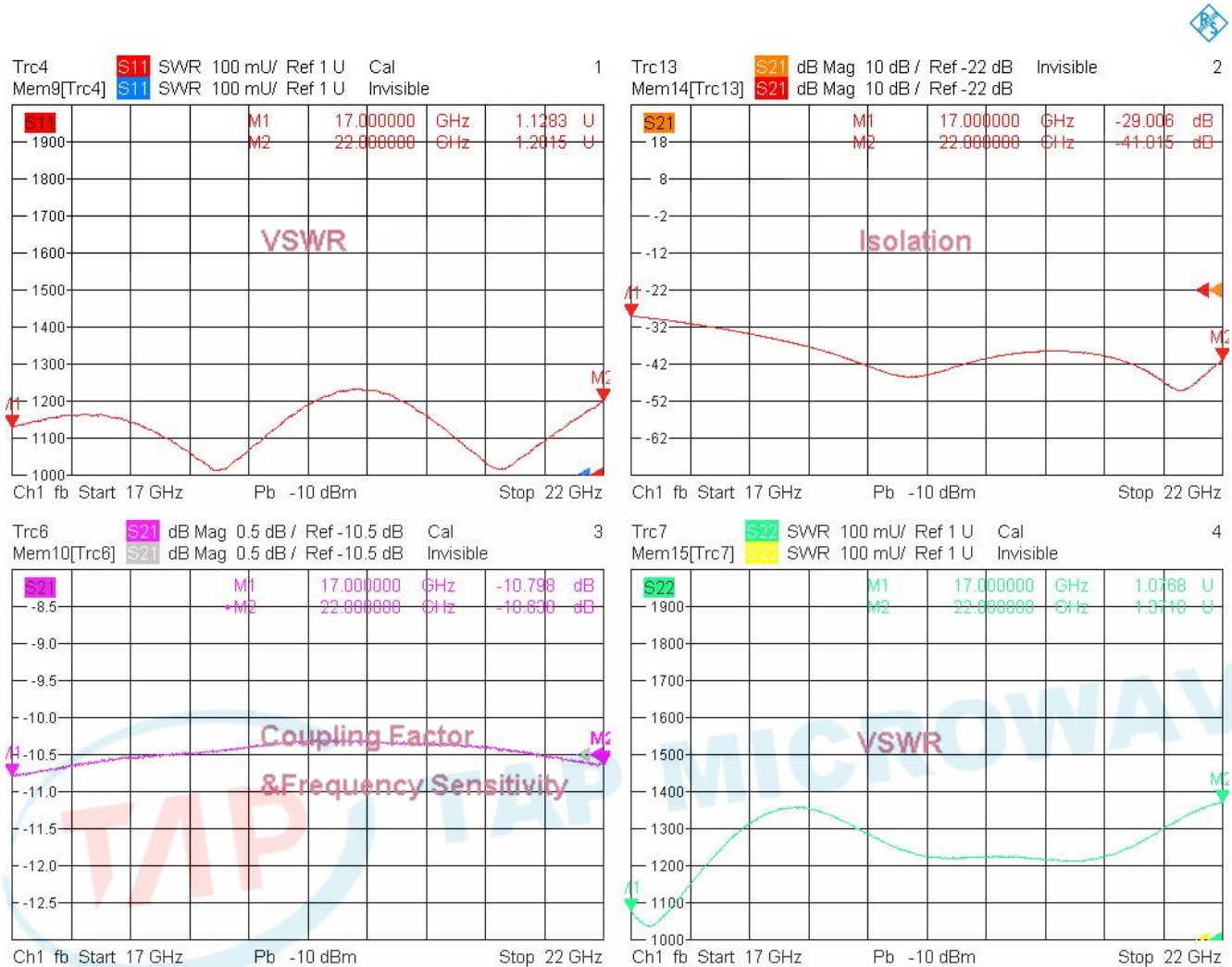
Technical Data Sheet			
Frequency Range	17~22GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.3dB (True)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤10±0.7dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±0.5dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥12dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.50:1 Secondary ≤1.50:1	Operating Temperature	-55~+85℃
¹ Power Handling	Incident ≤25Watt; Reflected ≤10Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	30g
Port Connectors	Input: SMA-Male Others: SMA-Female		

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



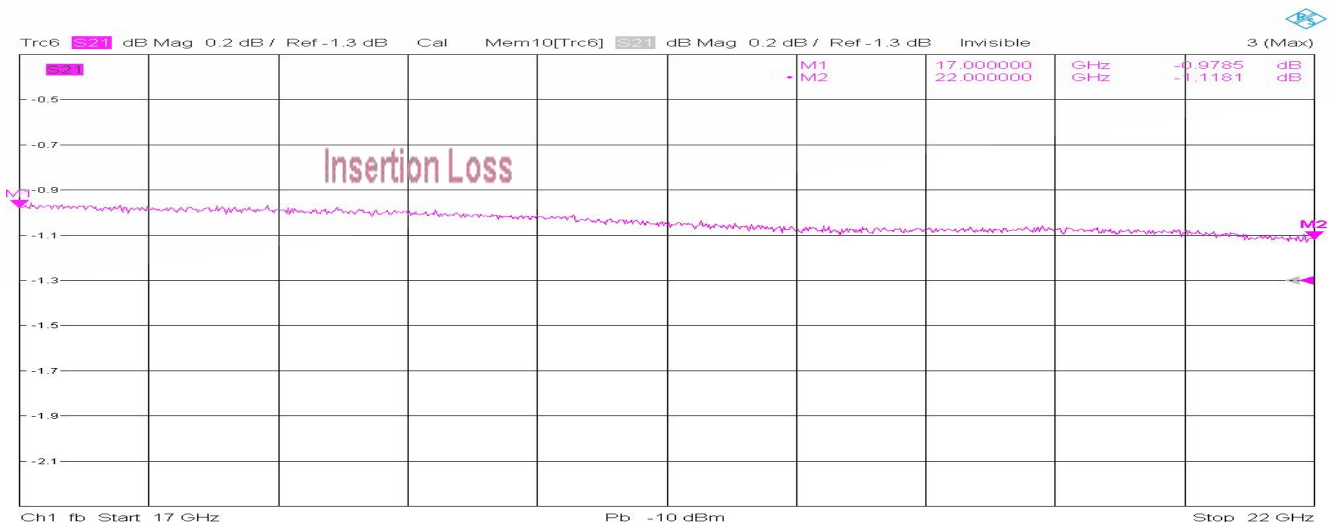
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



10/23/2023, 10:20 AM

2. Insertion Loss



10/23/2023, 10:21 AM

