

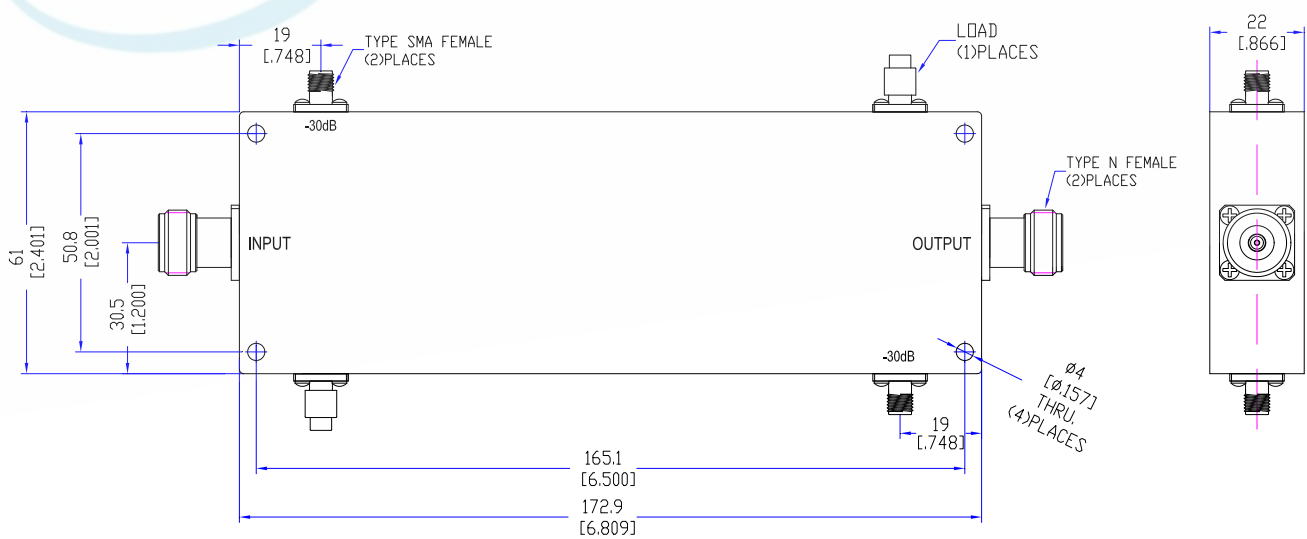
Model TDC1040H30DA

Features

Low VSWR
High Directivity
Broadband & Miniature Size

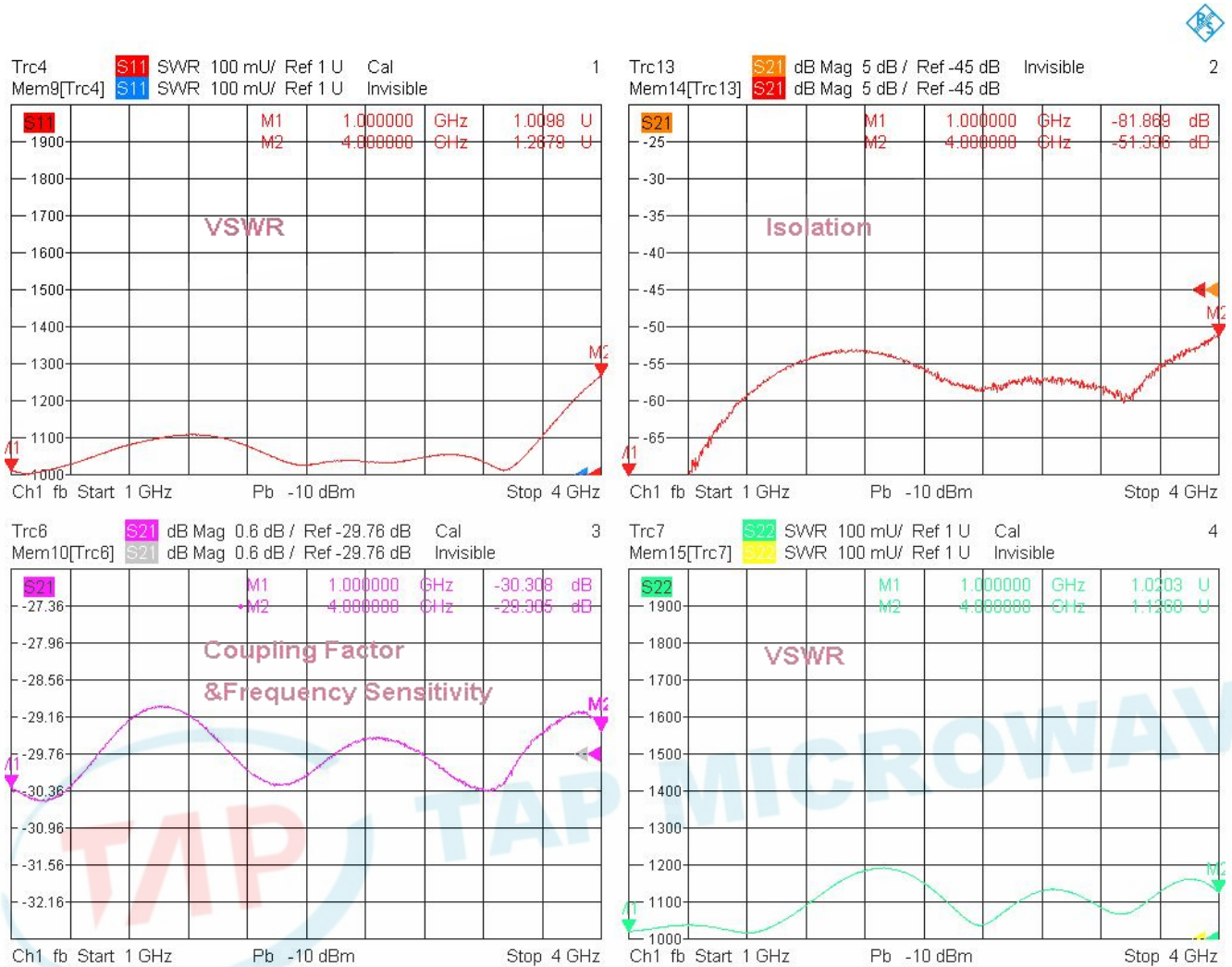
Technical Data Sheet			
Frequency Range	1.0~4.0GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.3dB (Excl. Coupling Loss 0.01dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤30±1dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.2dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥15dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.30:1 Secondary ≤1.30:1	Operating Temperature	-40~+85°C
¹ Power Handling	Incident ≤500Watt; Reflected ≤500Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	450g
Port Connectors	Primary: N-Female Secondary: SMA-Female		

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR

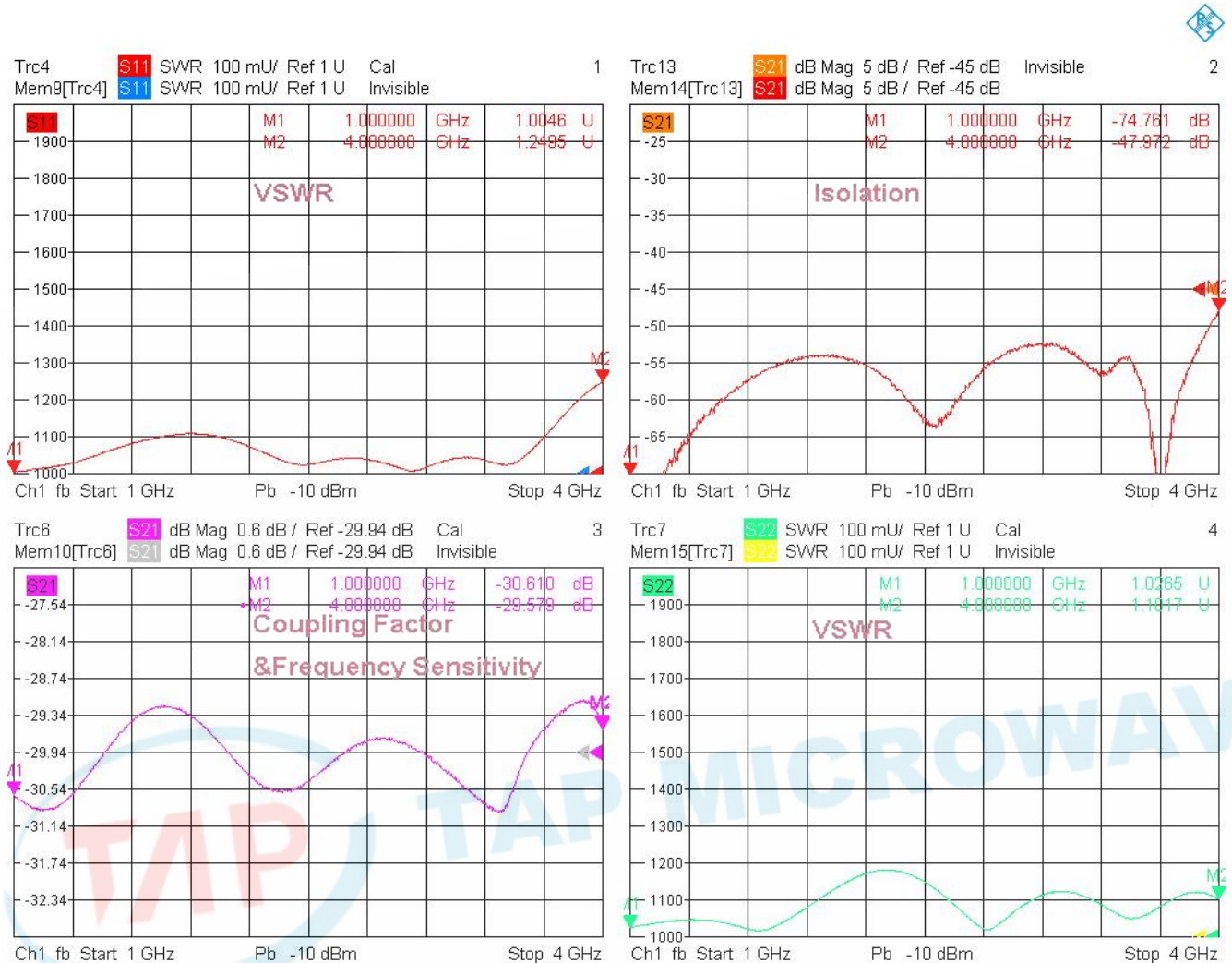


1/4/2023, 1:41 PM



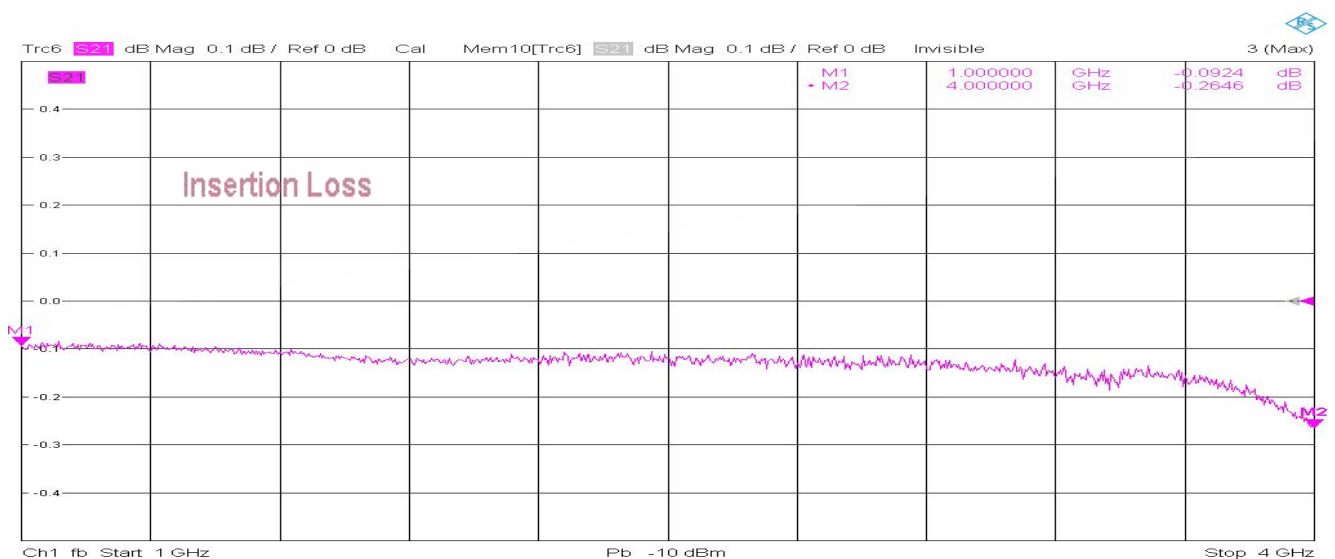
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



1/4/2023, 1:42 PM

3. Insertion Loss



1/4/2023, 1:40 PM

