

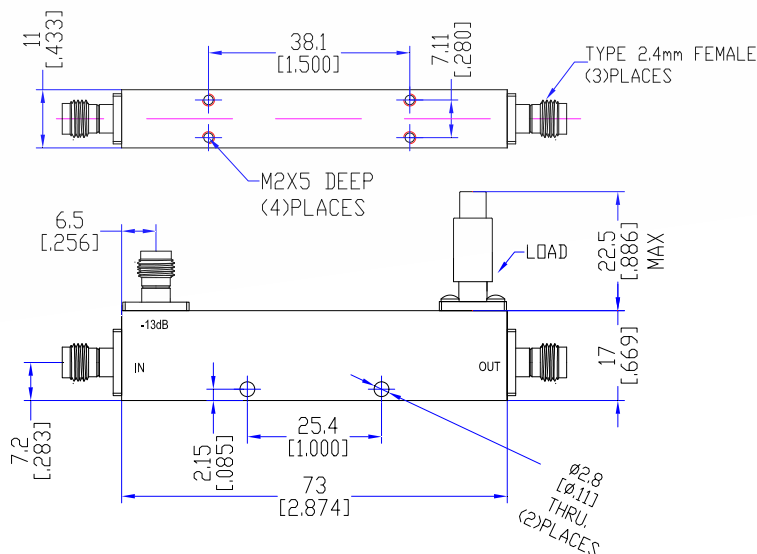
Model TDC10400A13A

Features

Low VSWR
High Directivity
Broadband & Miniature Size

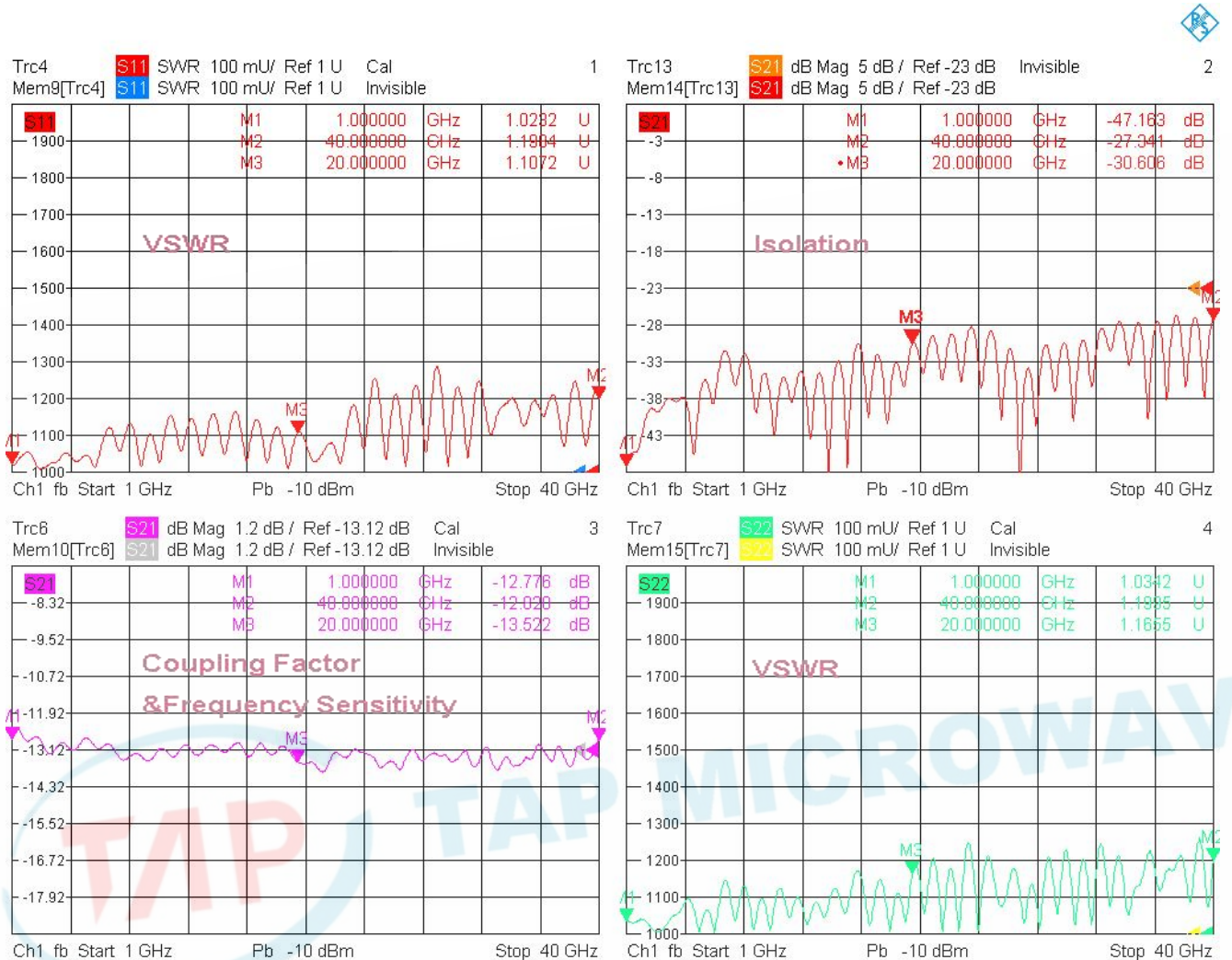
Technical Data Sheet			
Frequency Range	1~40GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.2dB@1-20GHz ≤1.9dB@20-40GHz (Excl. Coupling Loss 0.22dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤13±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.2dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥14dB@1-20GHz ≥10dB@20-40GHz	Solder	Lead Free, RoHS Compliant
VSWR	≤1.50:1@1-20GHz ≤1.70:1@20-40GHz	Operating Temperature	-55~+85°C
¹ Power Handling	Incident ≤20Watt; Reflected ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	60g
Port Connectors	2.4mm-Female		

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



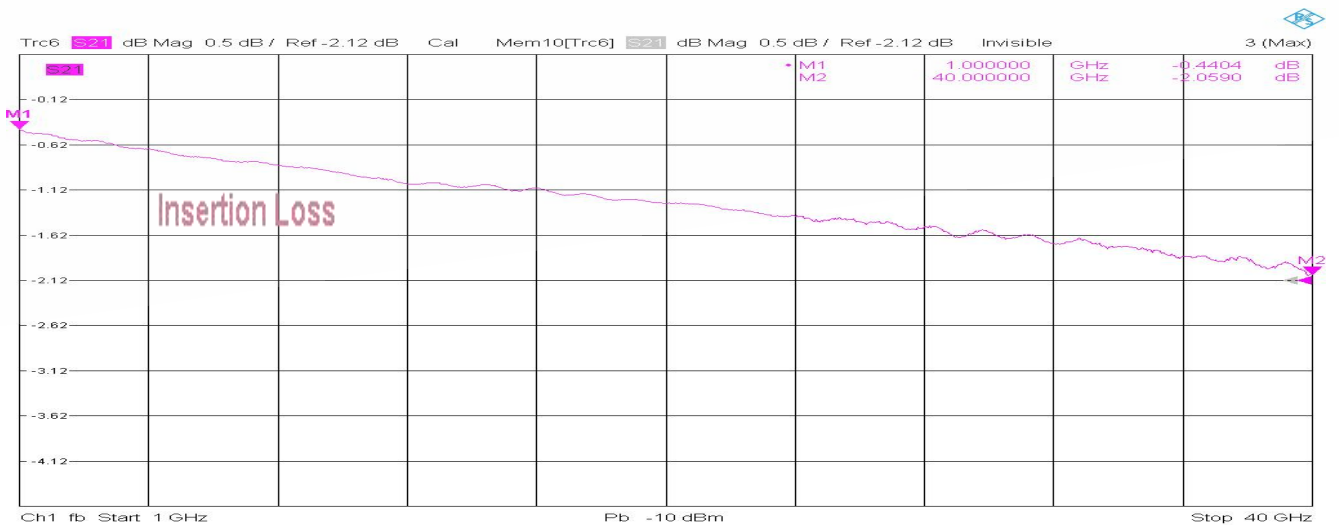
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



9/6/2023, 1:51 PM

2. Insertion Loss



9/6/2023, 1:42 PM

