

Model TDC1020N20H

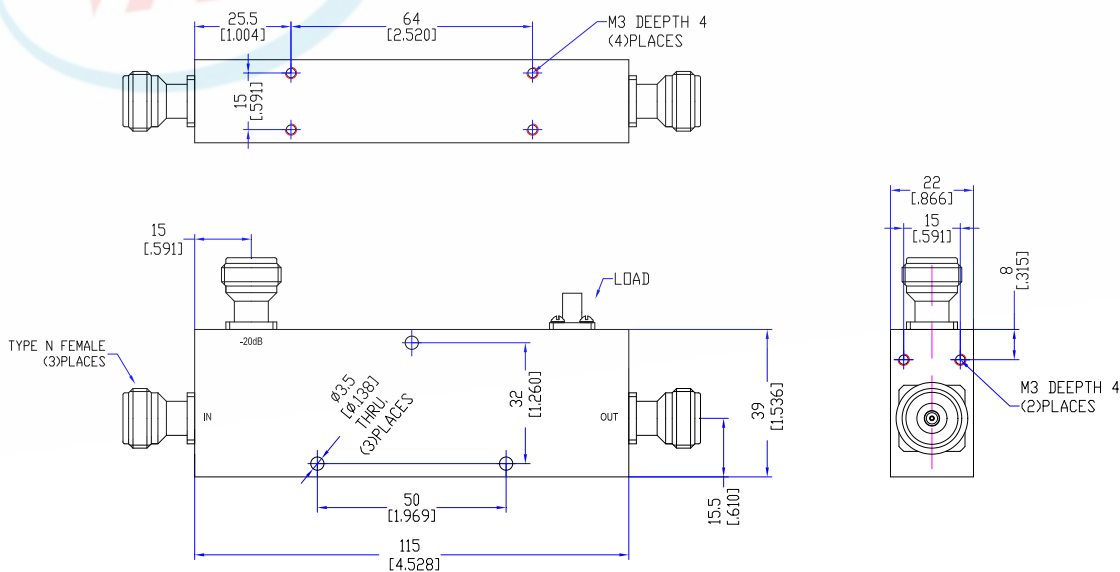
Features

Low VSWR
High Directivity
Broadband & Miniature Size

Technical Data Sheet

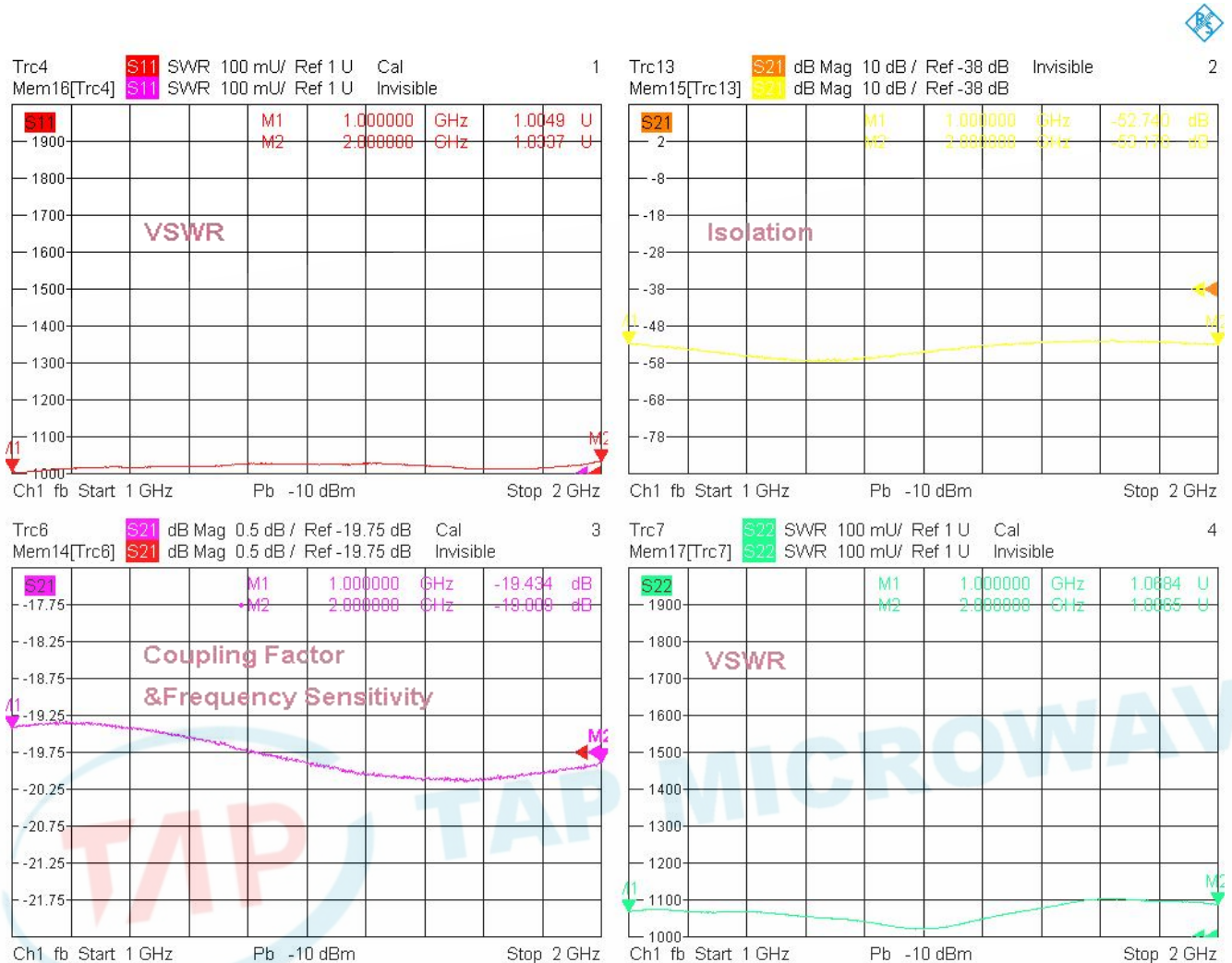
Frequency Range	1~2GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.3dB (Excl. Coupling Loss 0.04dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤20±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.0dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥18dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.25:1 Secondary ≤1.25:1	Operating Temperature	-55~+85℃
¹ Power Handling	Incident ≤100Watt; Reflected ≤10Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	490g
Port Connectors	N-Female		

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



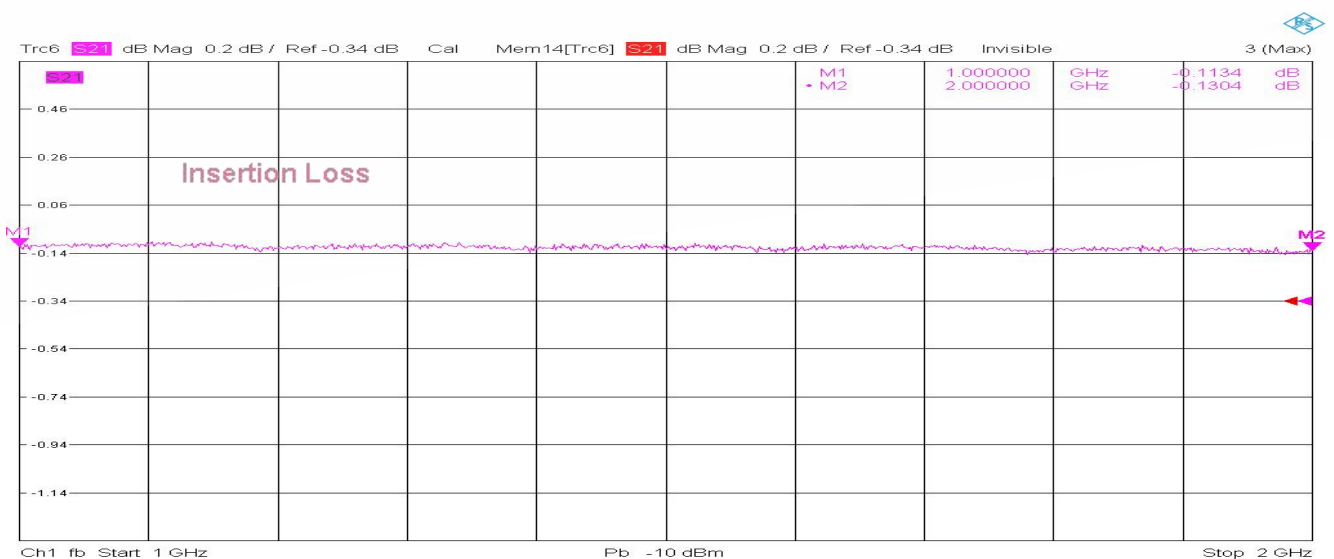
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



1/25/2024, 11:24 AM

2. Insertion Loss



1/25/2024, 11:23 AM

