

Model TDC0305N20A

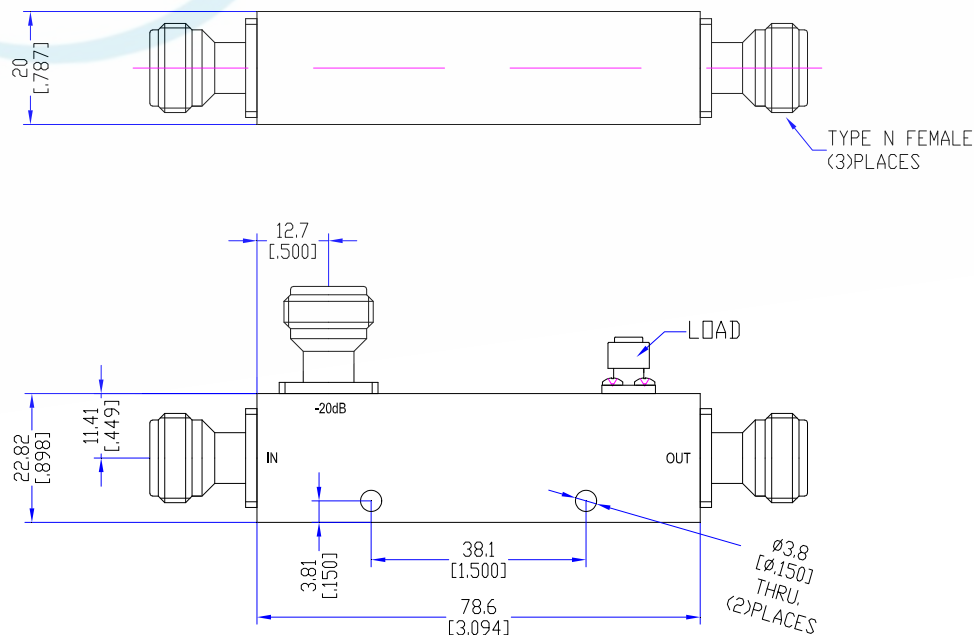
Features

Low VSWR
High Directivity
Broadband & Miniature Size

Technical Data Sheet

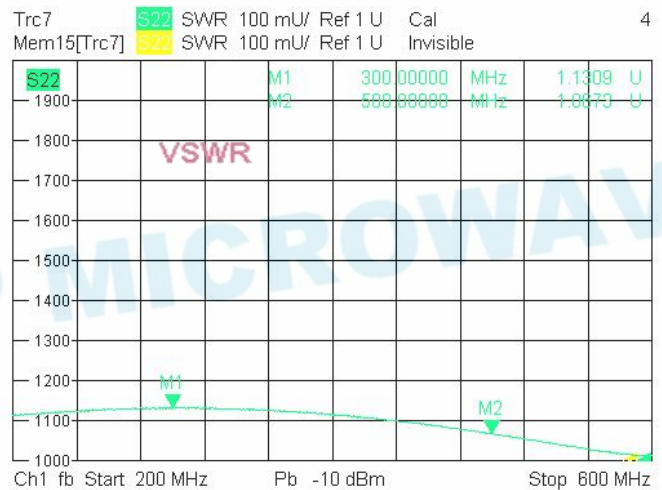
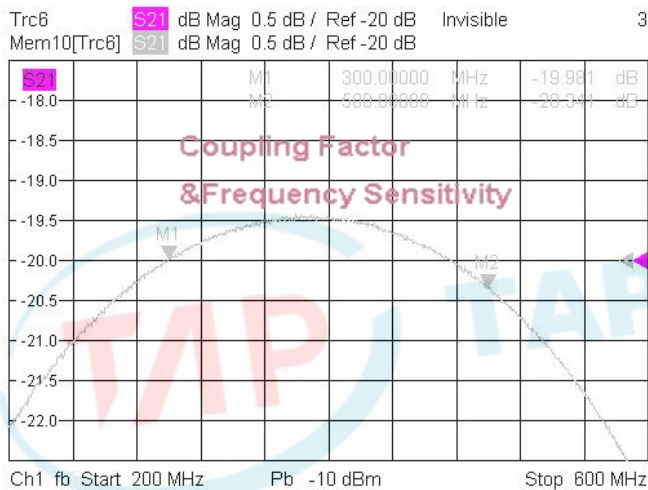
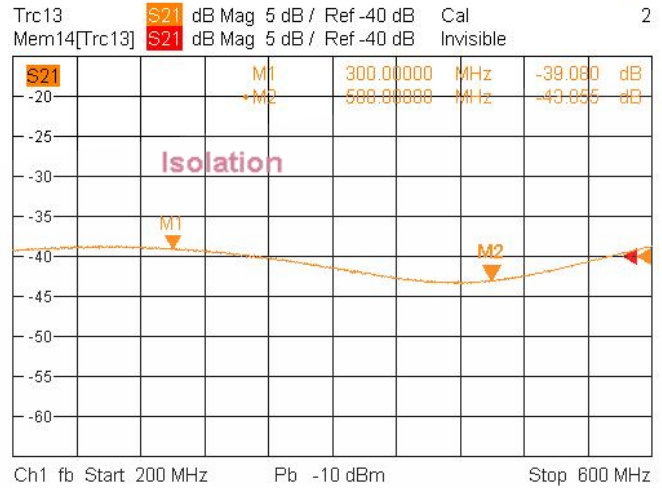
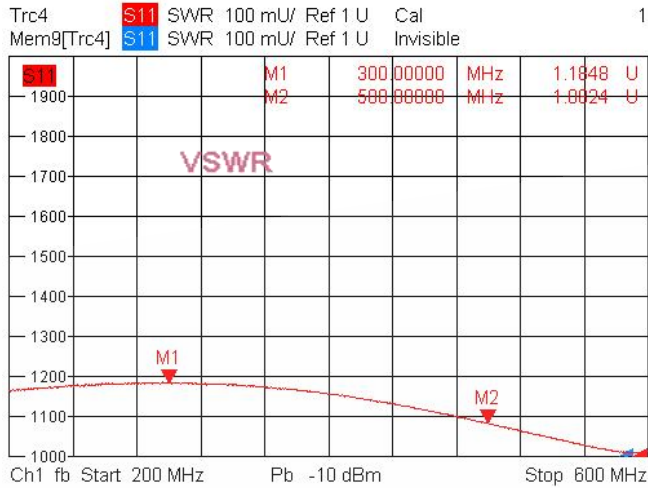
Frequency Range	300~500MHz	Finish	Natural oxygen
Insertion Loss	≤0.5dB (Excl. Coupling Loss 0.04dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤20±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.0dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥20dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.25:1 Secondary ≤1.25:1	Operating Temperature	-40~+85℃
¹ Power Handling	Incident ≤10Watt; Reflected ≤1Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	160g
Port Connectors	N-Female		

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR

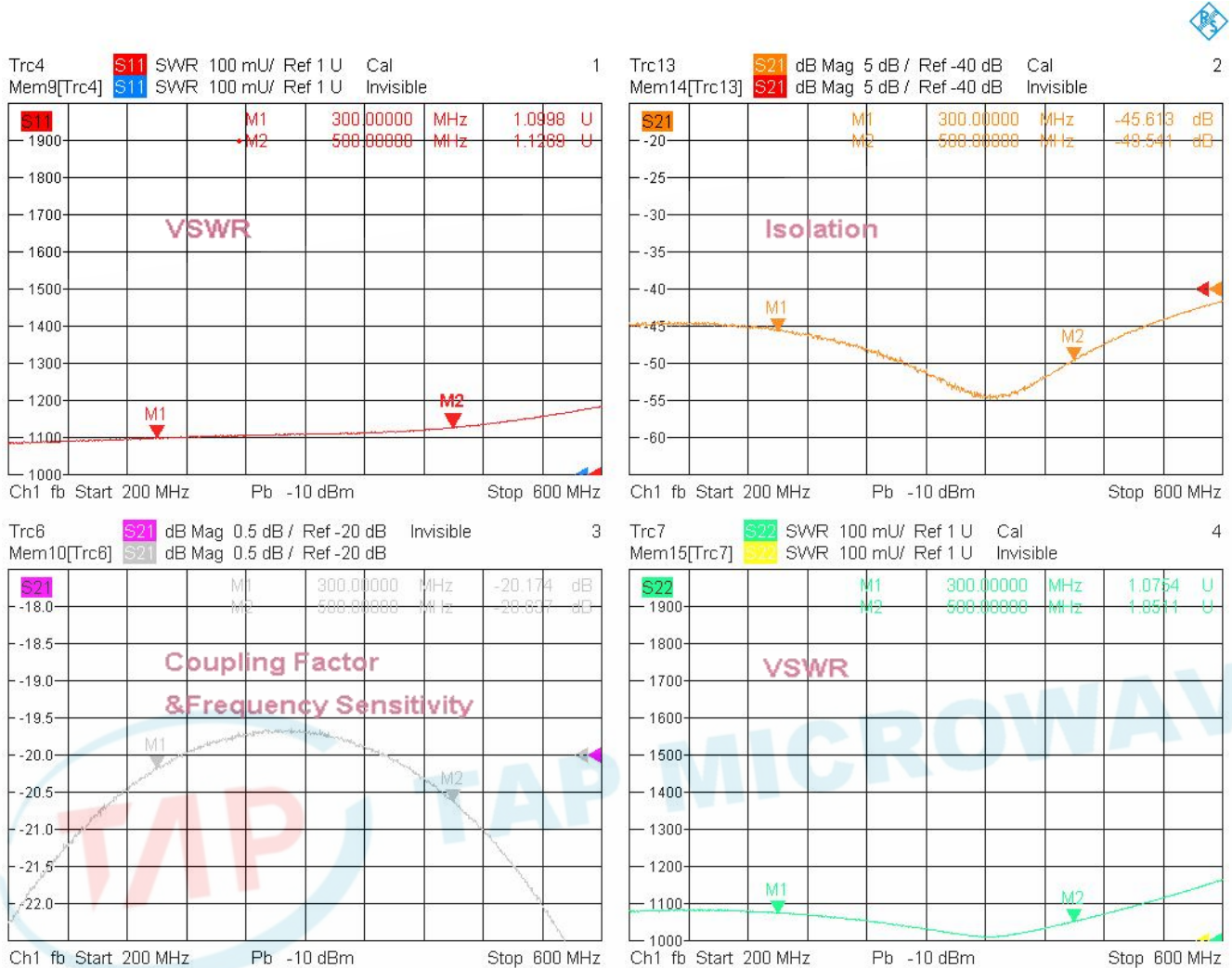


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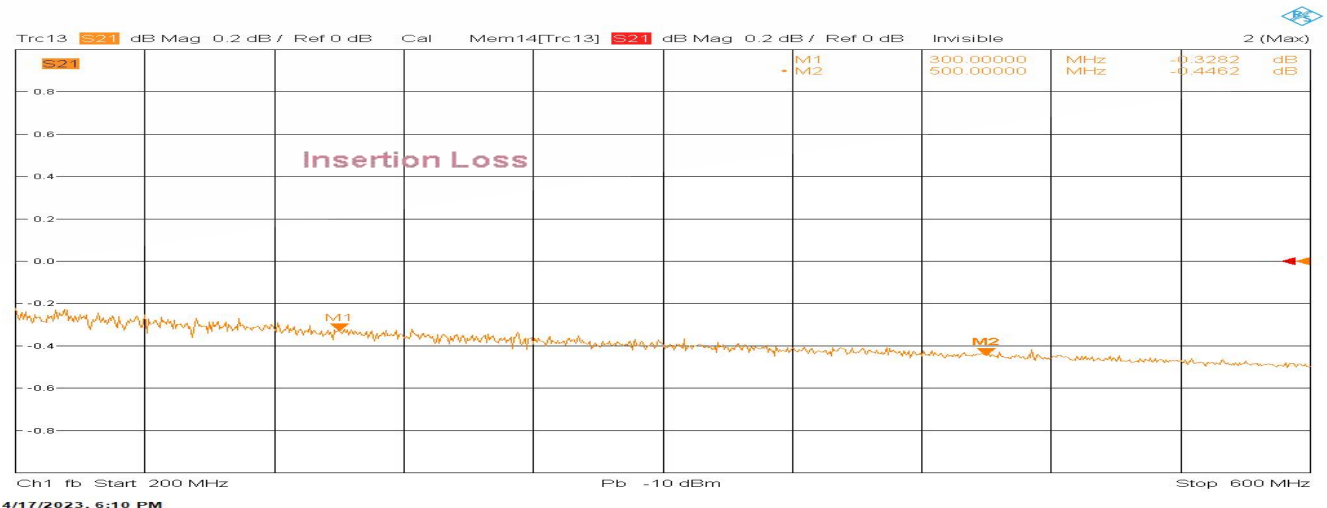
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



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3. Insertion Loss



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