

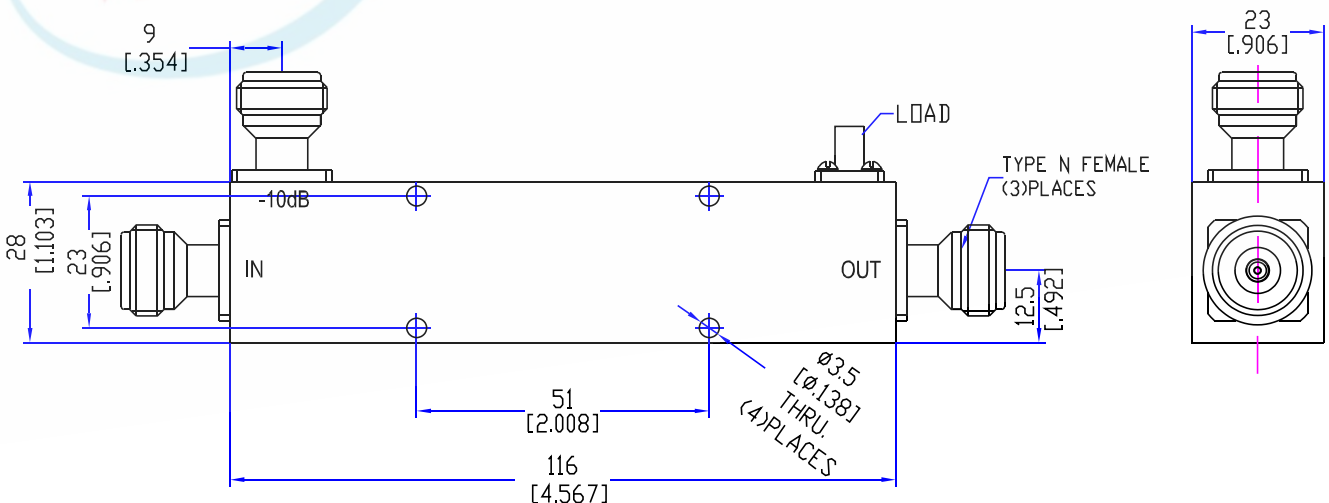
Model TDC0530N10

Features

Low VSWR
High Directivity
Broadband & Miniature Size

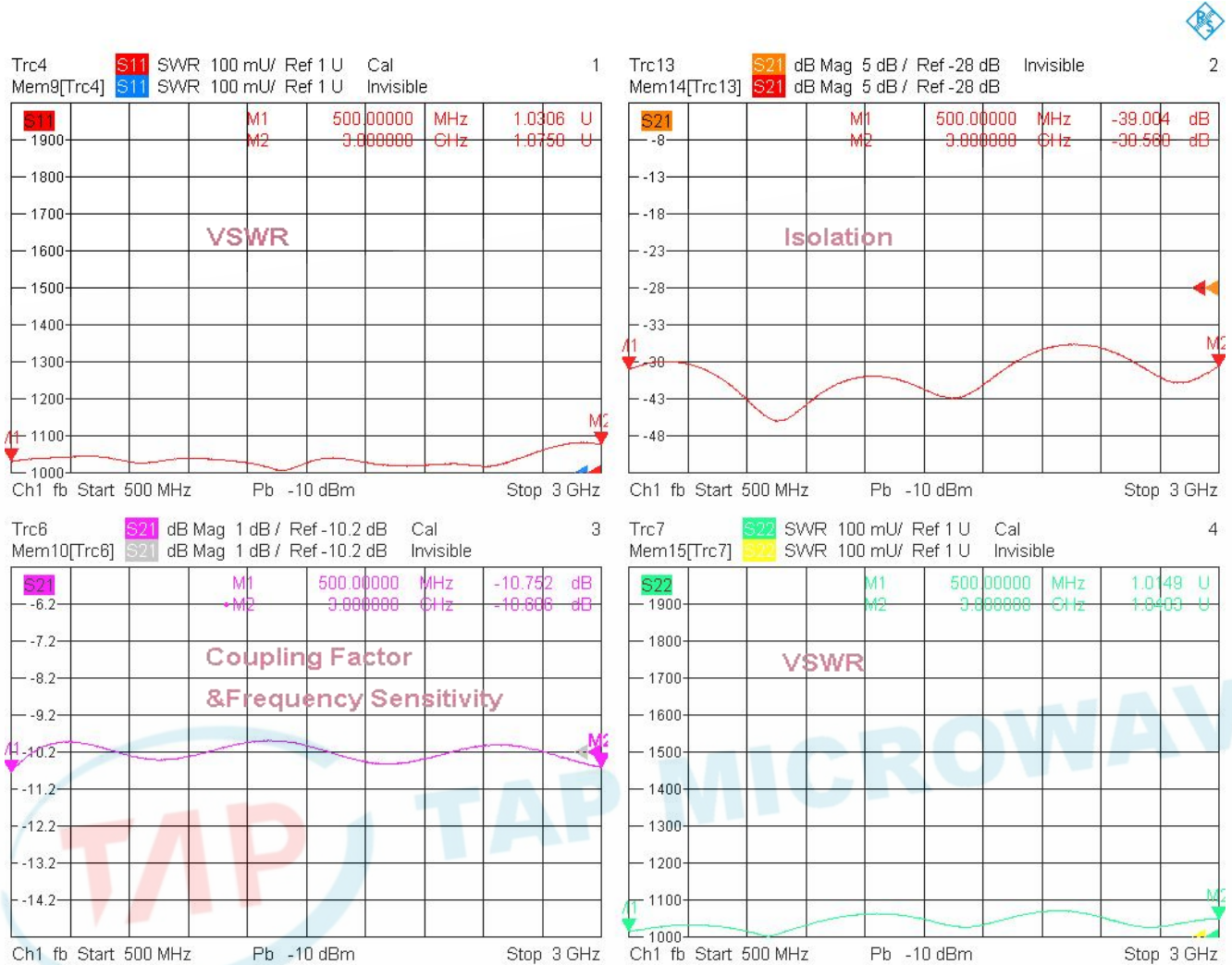
Technical Data Sheet			
Frequency Range	0.5~3.0GHz	Finish	Natural oxygen
Insertion Loss	≤0.6dB (Excl. Coupling Loss 0.46dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤10±1dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥18dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.25:1 Secondary ≤1.25:1	Operating Temperature	-40~+85°C
¹ Power Handling	Incident ≤50Watt; Reflected ≤50Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	260g
Port Connectors	N-Female		

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



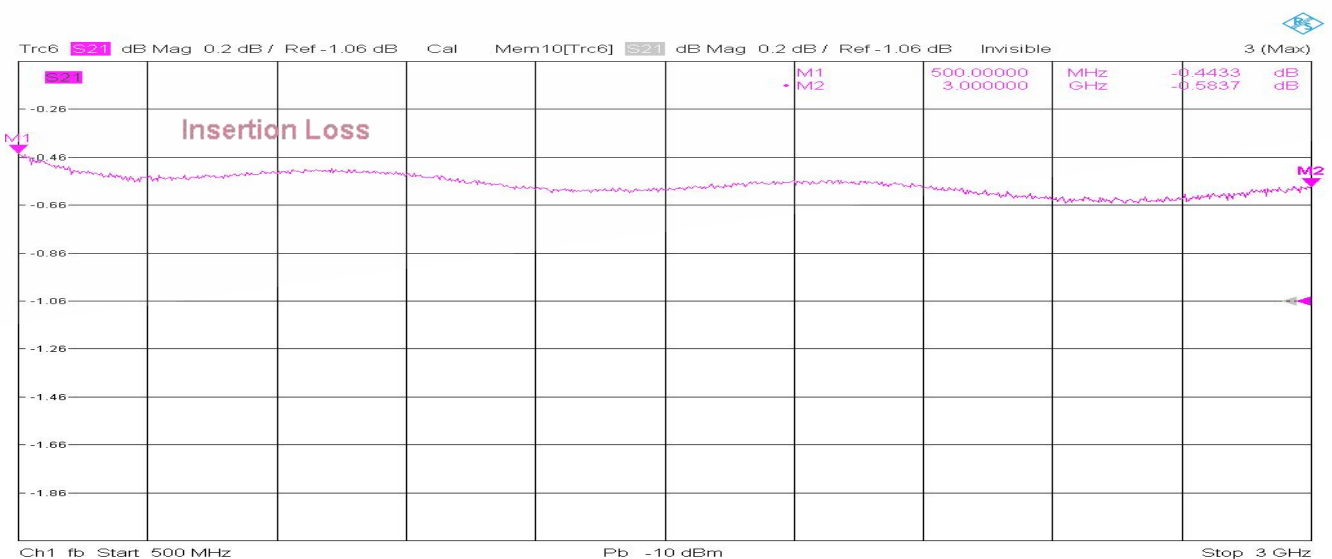
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



7/4/2023, 4:11 PM

2. Insertion Loss



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