

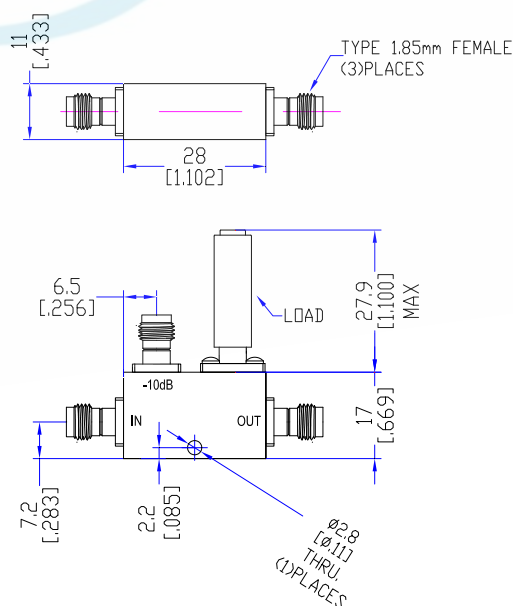
Model TDC472524A10TVAC

Features

Low VSWR
High Directivity
Broadband & Miniature Size

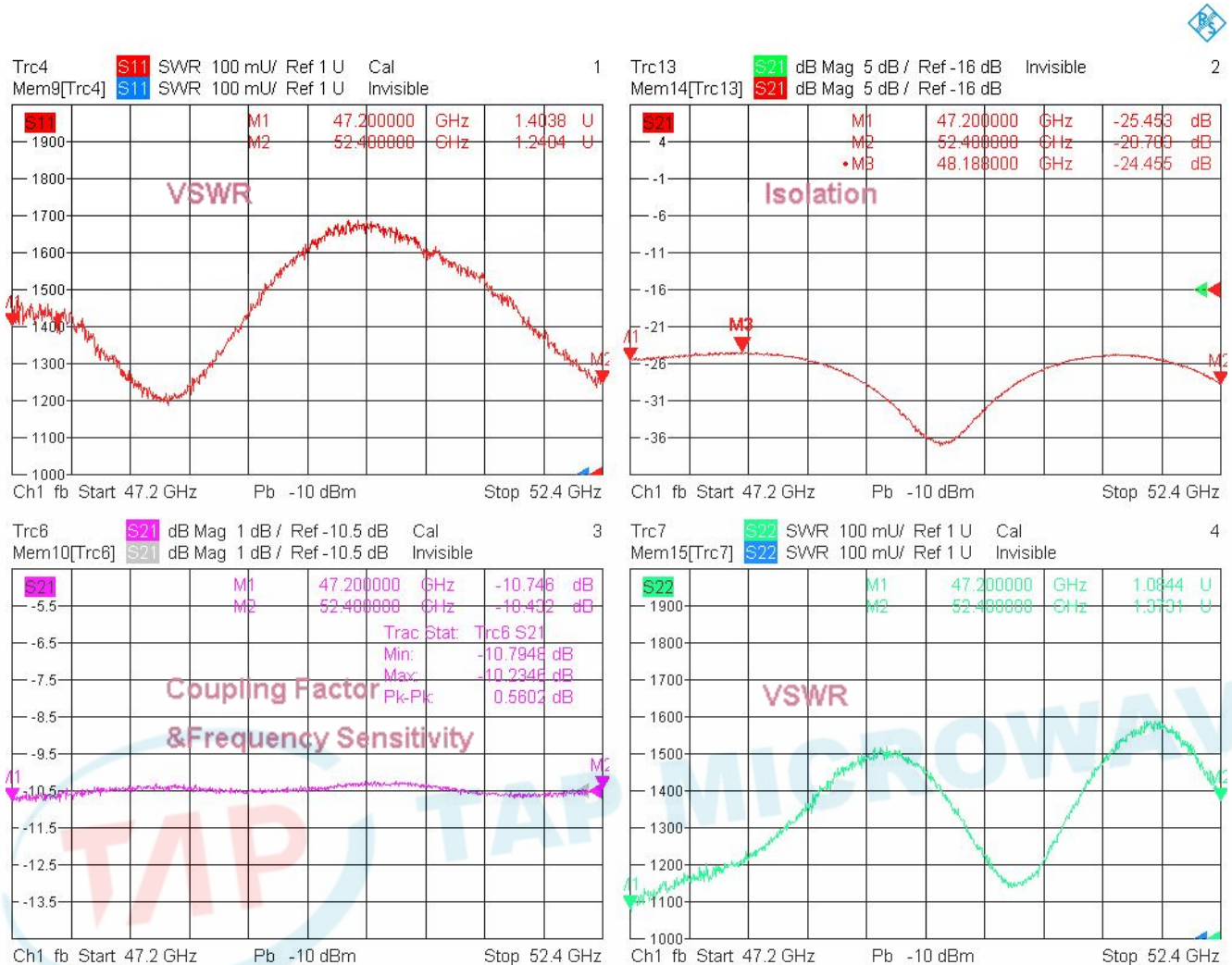
Technical Data Sheet			
Frequency Range	47.2~52.4GHz	Finish	Natural oxygen
Insertion Loss	≤1.9dB (Excl. Coupling Loss 0.46dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤10±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.0dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥6dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤2.00:1 Secondary ≤2.00:1	Operating Temperature	-40~+85℃
¹ Power Handling	Incident ≤5Watt; Reflected ≤0.5Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	30g
Port Connectors	1.85mm-Female		

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



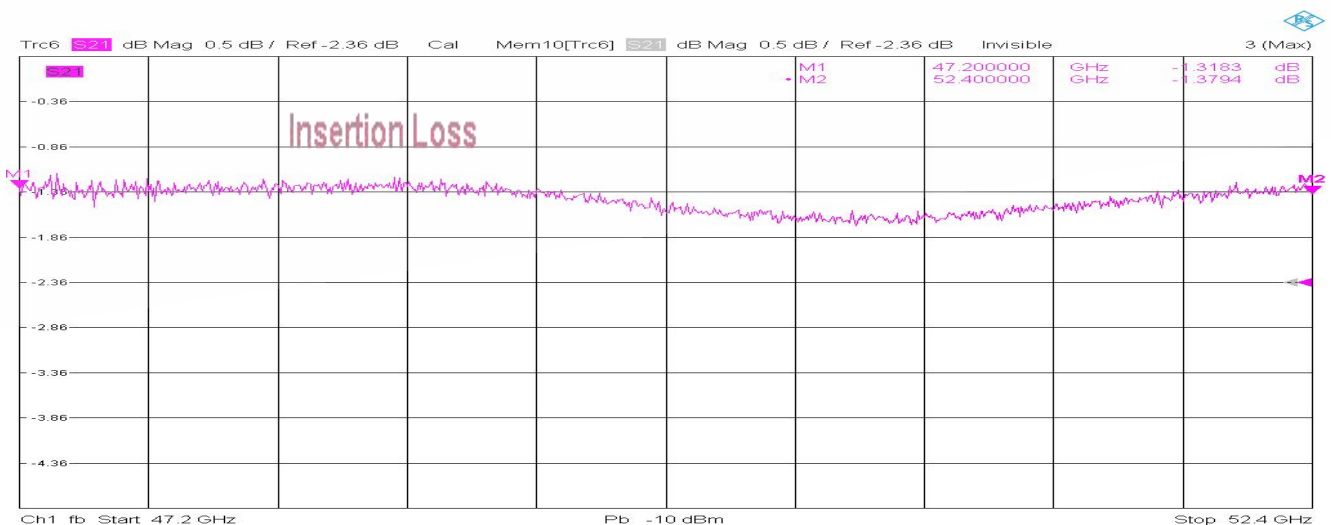
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



9/4/2026, 9:38 AM

2. Insertion Loss



9/4/2026, 9:53 AM

