

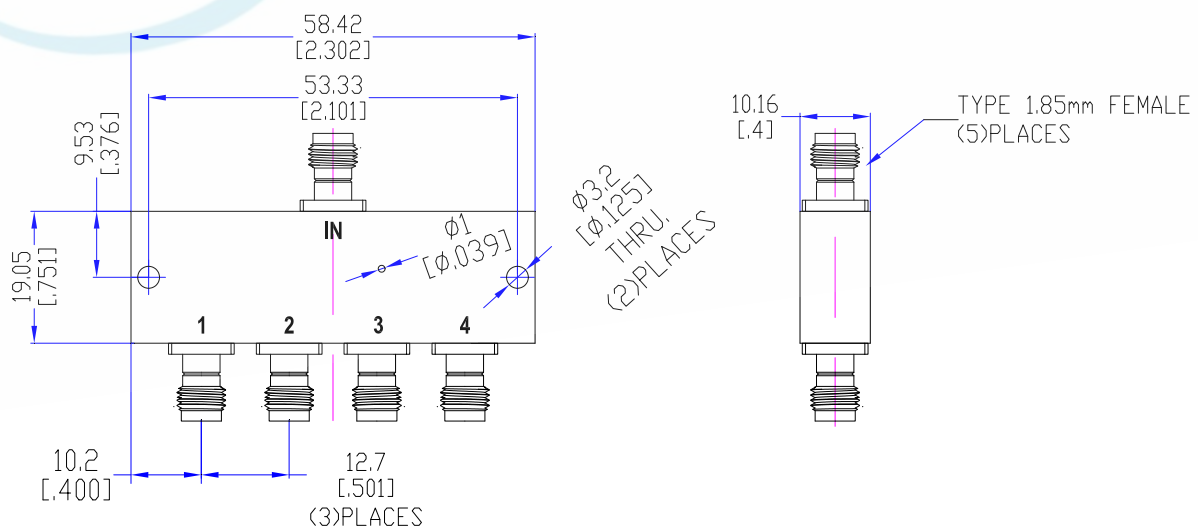
Model TPD472524A4TVAC

Features

Excellent phase& amplitude balance
Low Insertion Loss& VSWR
High Isolation

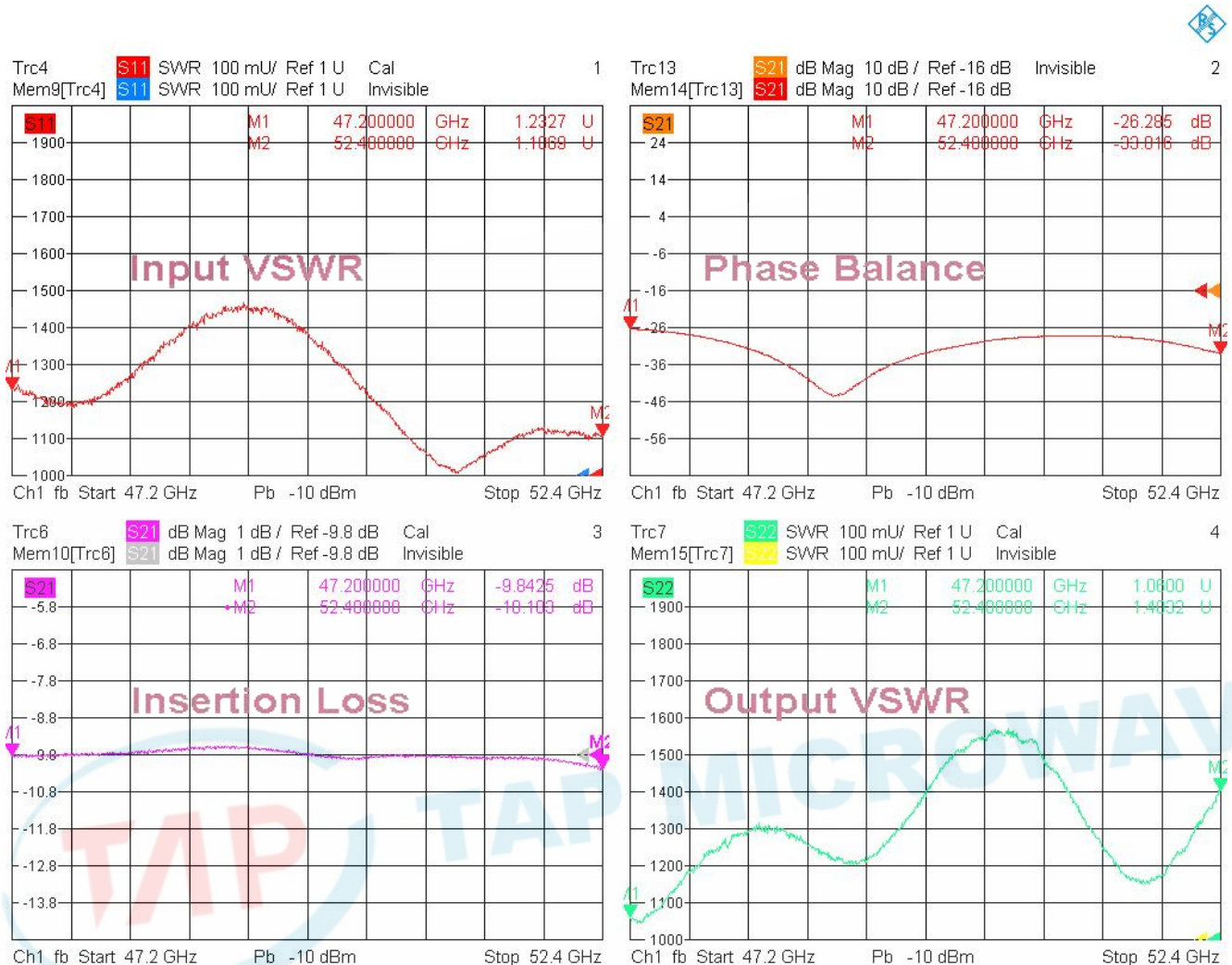
Technical Data Sheet			
Frequency Range	47.2~52.4GHz	Finish	Natural oxygen
Insertion Loss	≤3.6dB (Above 6.02dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.90:1 Output ≤1.80:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥12dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.0dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±12°	Operating Temperature	-40~+85°C
¹ Power Handling	Forward ≤10Watt; Reversed ≤0.5Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	40g
Port Connectors	1.85mm-Female	Remark	Φ1mm hole in cover

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



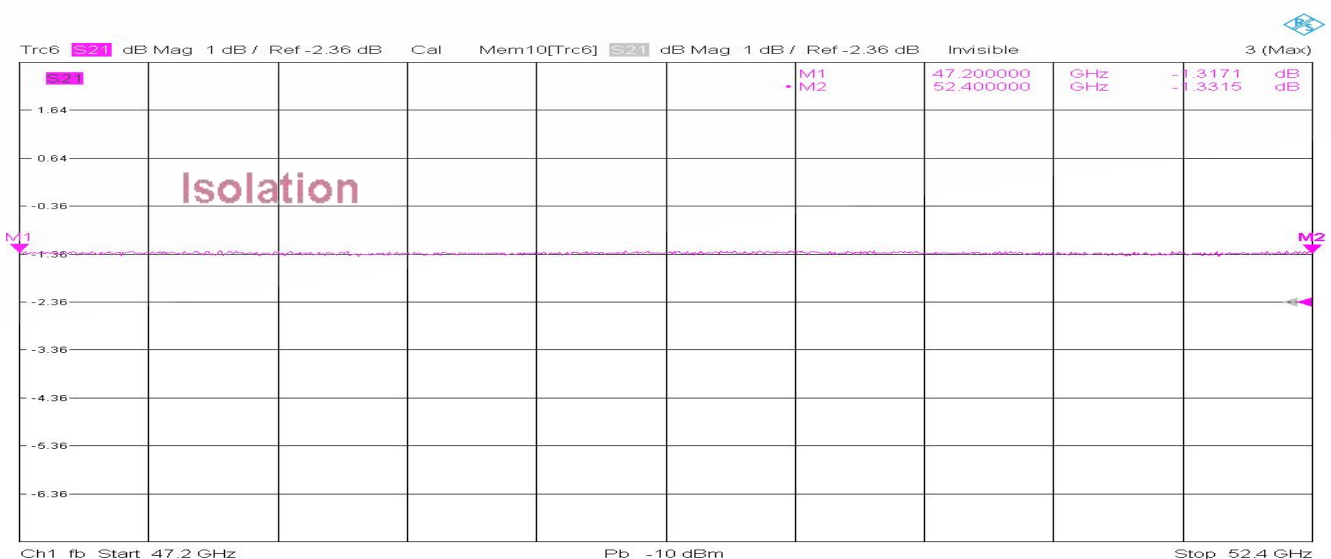
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



3/18/2025, 9:10 AM

2. Isolation



3/18/2025, 9:11 AM

