

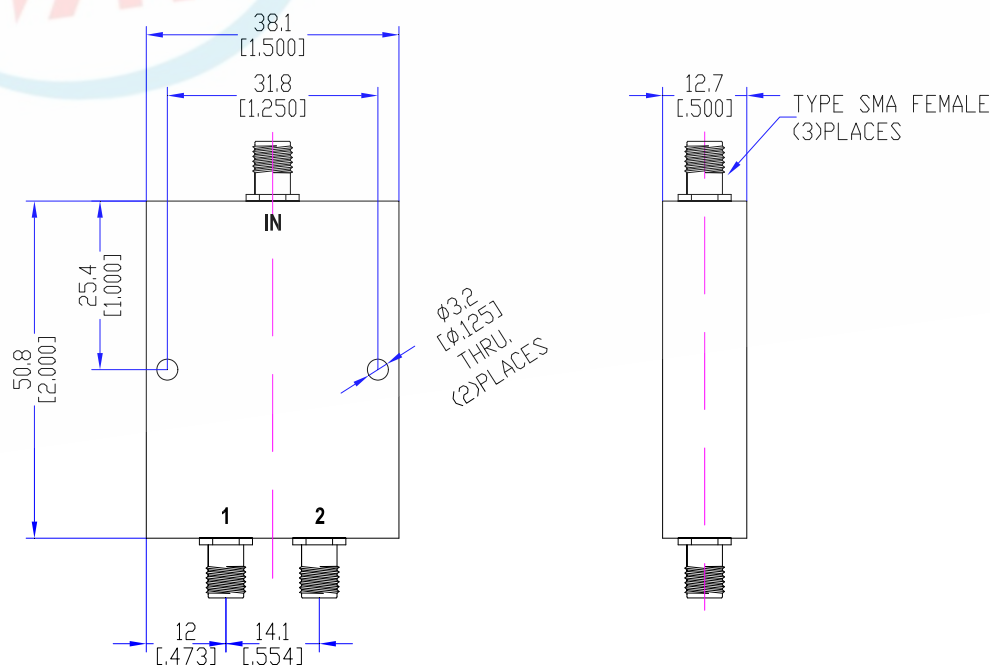
## Model TPD0520A2S

### Features

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

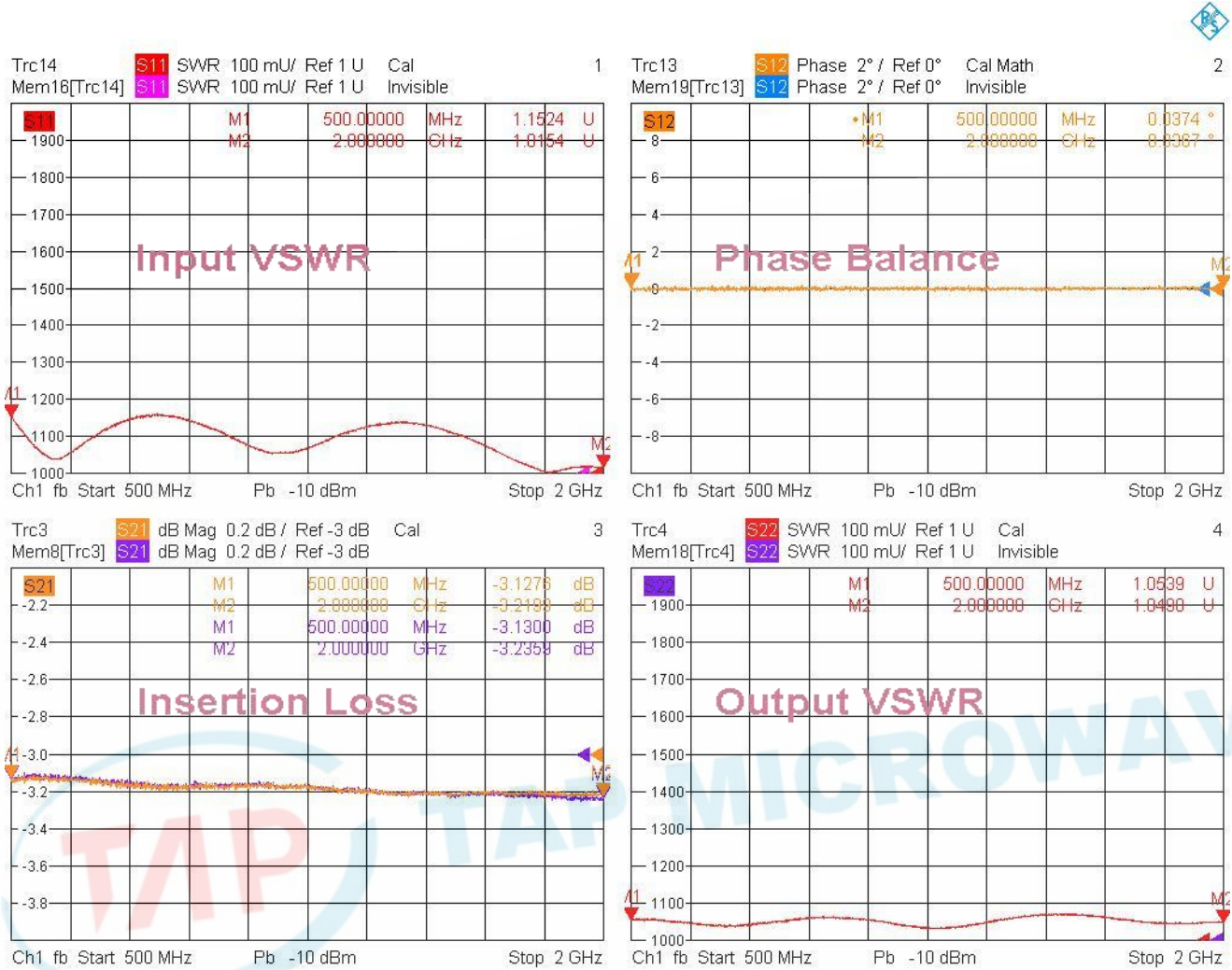
Technical Data Sheet			
Frequency Range	0.5~2.0GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.4dB (Above 3.01dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.30:1 Output ≤1.25:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤0.2dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤2°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	50g
Port Connectors	SMA-Female		

<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.50:1.



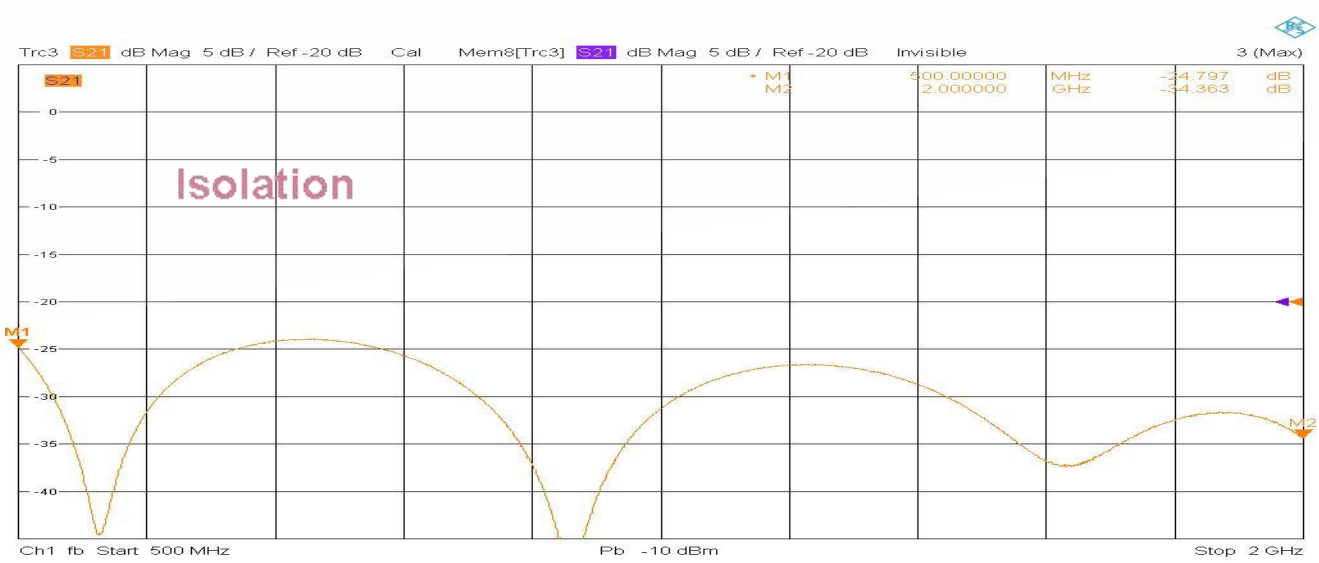
## Typical Performance

### 1. Insertion Loss, Amplitude & Phase Balance, VSWR



12/28/2023, 11:32 AM

### 2. Isolation



12/28/2023, 12:01 PM

