

Model TPD1040A12

Features

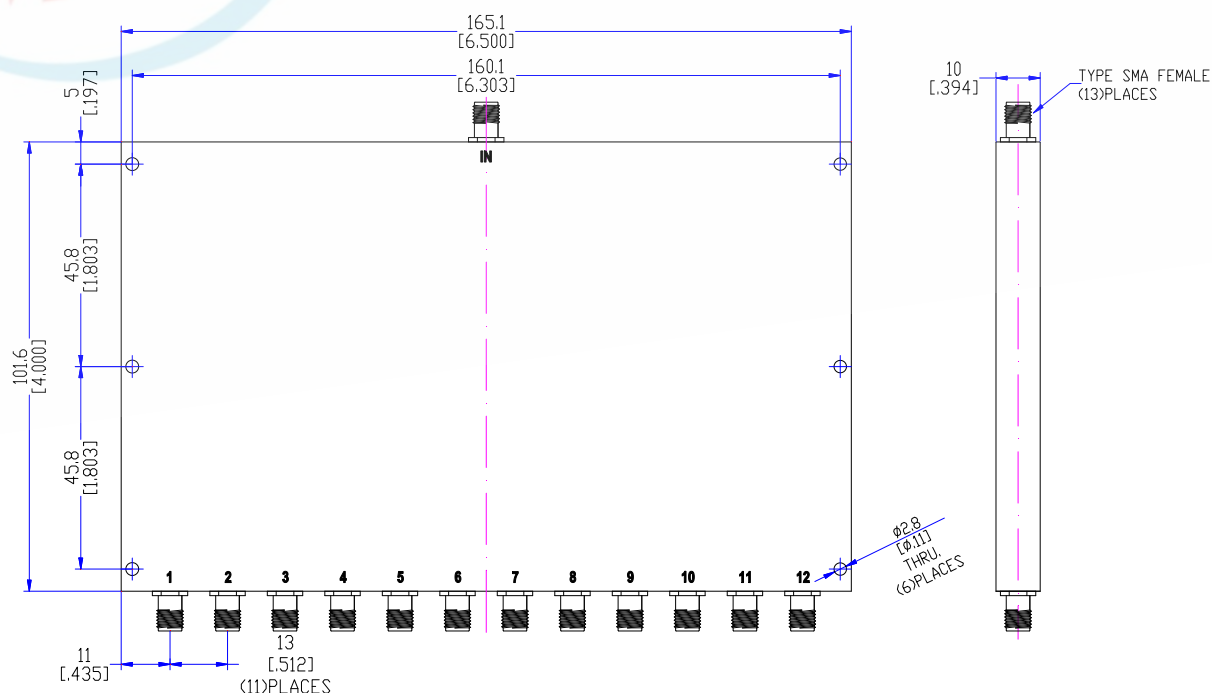
Excellent phase& amplitude balance

Low Insertion Loss& VSWR

High Isolation

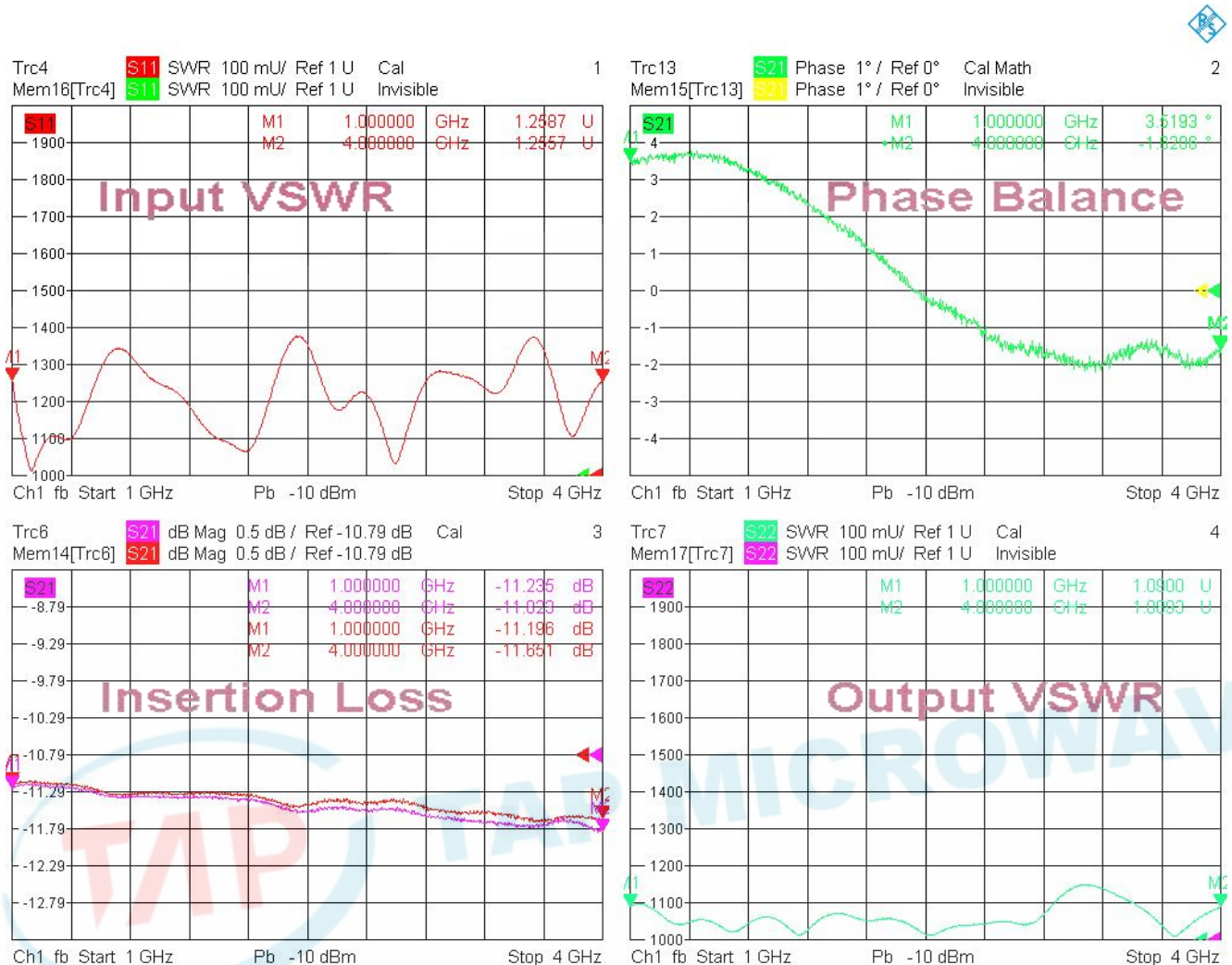
Technical Data Sheet			
Frequency Range	1~4GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.5dB (Above 10.79dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.50:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥17dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85℃
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	410g
Port Connectors	SMA-Female		

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



Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



9/29/2025, 2:11 PM

2. Isolation



9/29/2025, 2:07 PM

