

Model TPD10120A4

Features

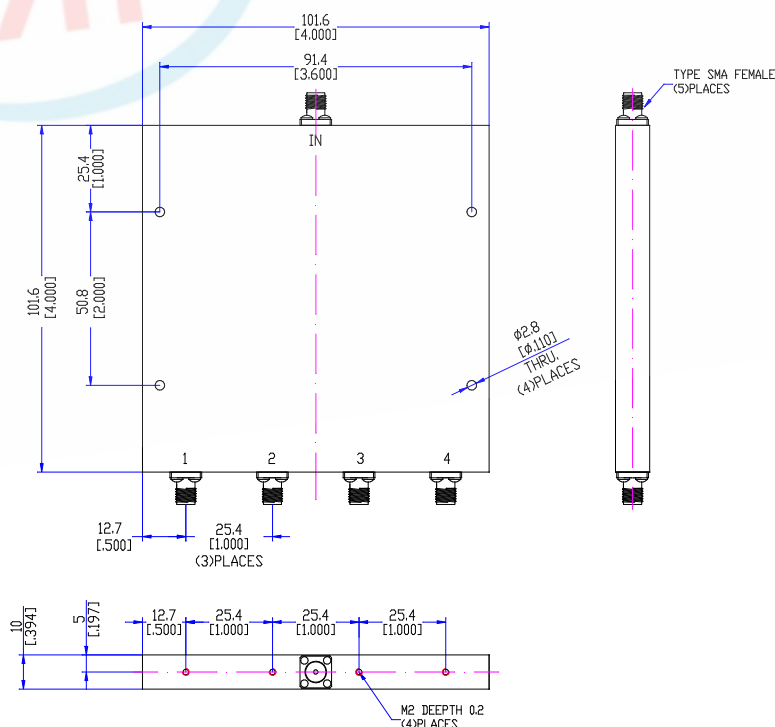
Excellent phase& amplitude balance

Low Insertion Loss& VSWR

High Isolation

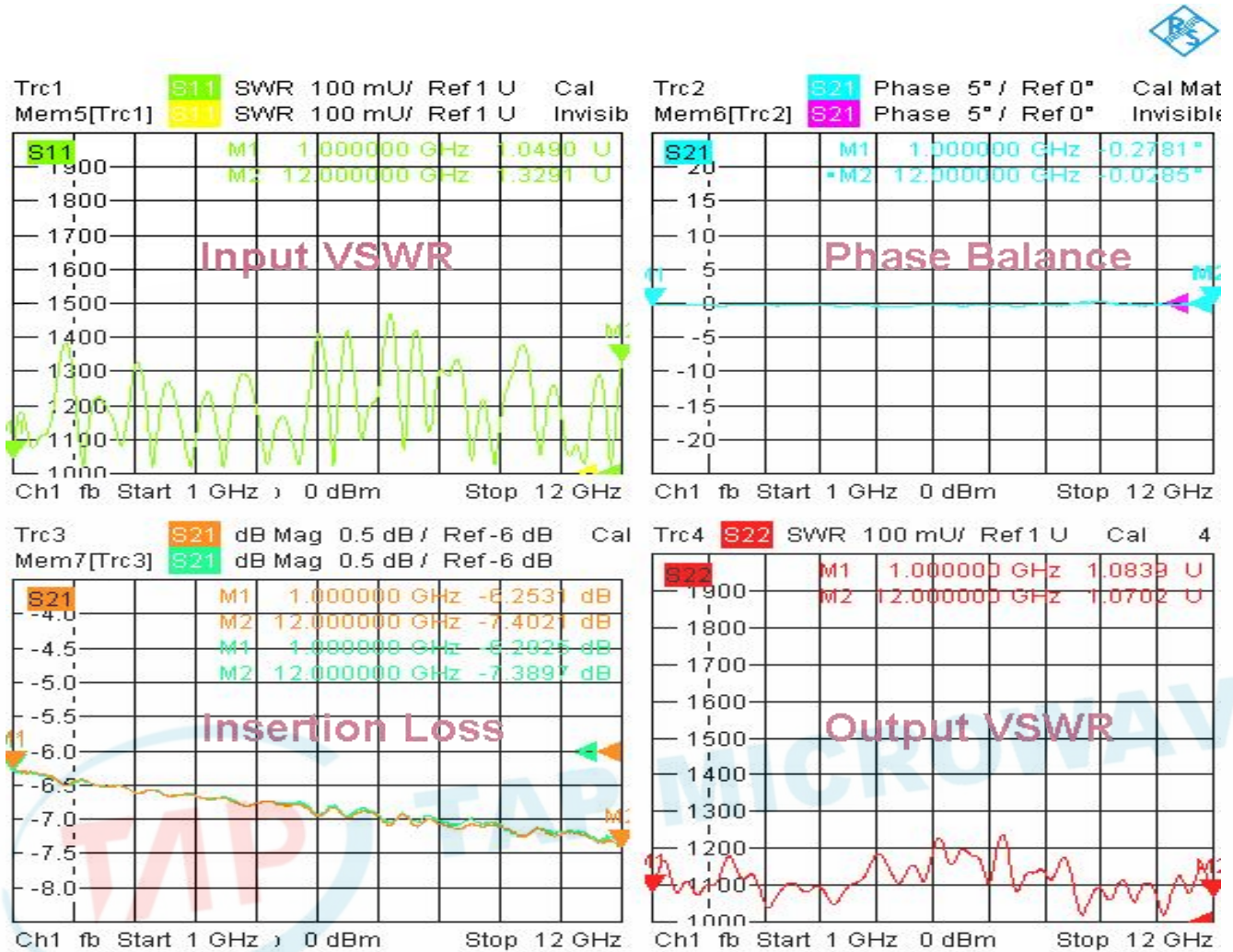
Technical Data Sheet			
Frequency Range	1~12GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤2.9dB (Above 6.02dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.70:1 Output ≤1.60:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥16dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	160g
Port Connectors	SMA-Female		

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



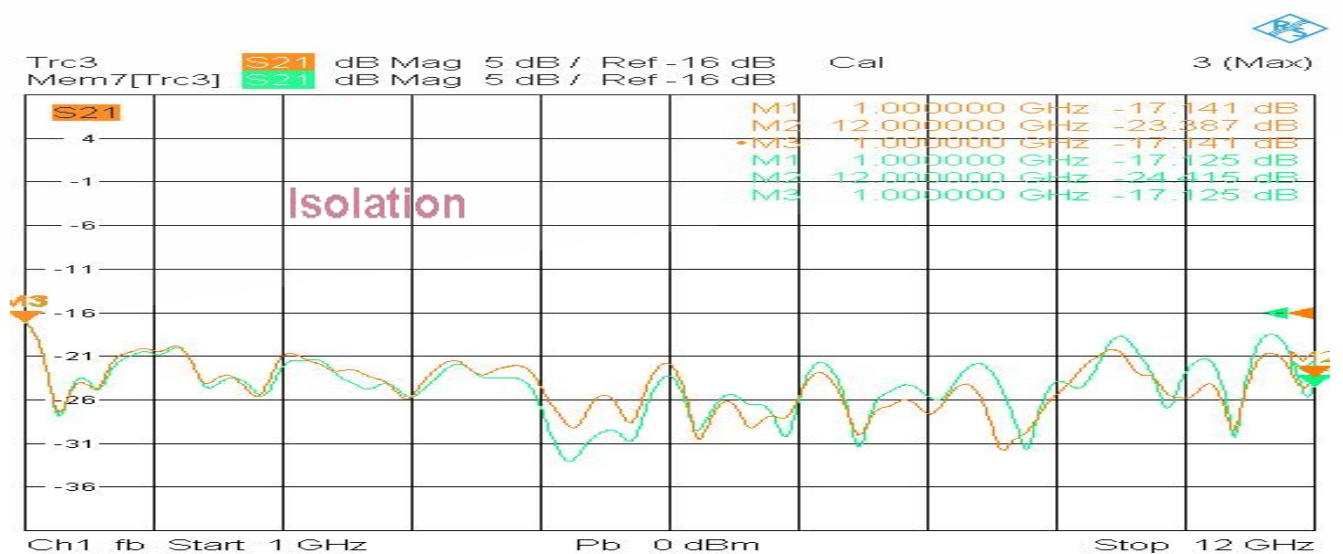
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



6/4/2020, 5:28 PM

2. Isolation



6/4/2020, 5:25 PM

