

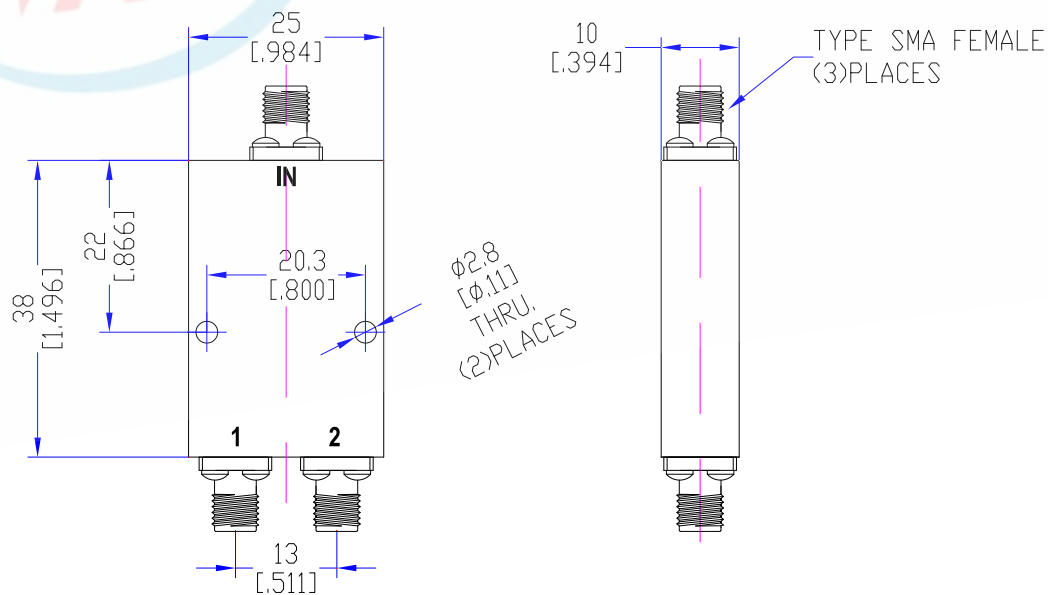
Model TPD2080A2CA

Technical Data Sheet			
Frequency Range	2~8GHz		
Insertion Loss	≤0.6dB (Above 3.01dB Split)	Connector Body	Stainless Steel
VSWR	Input ≤1.30:1 Output ≤1.20:1	Housing	Aluminum, 6061 T6
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.2dB	Solder	Sn63Pb37
Phase Balance	≤±2°	Operating Temperature	-55~+85℃
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	30g
Port Connectors	SMA-Female		

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

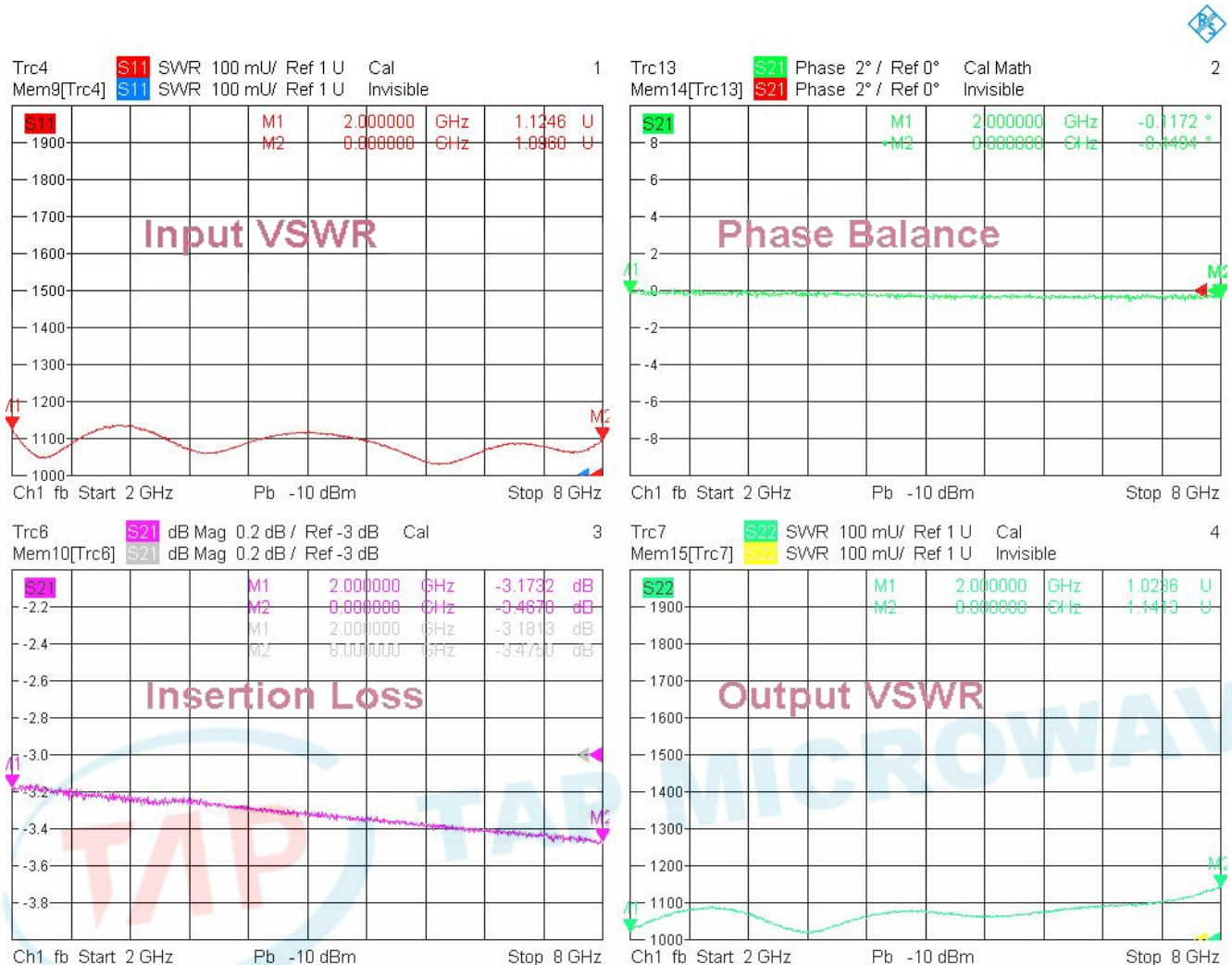
Material and Plated

	Material	Plated
Housing	Aluminum Alloy	Gold
Connector	Stainless Steel	Passivated
Connector Pin	Copper	Gold
PCB	PTFE (Copper Trace Only)	Gold
Screw	Stainless Steel	Passivated



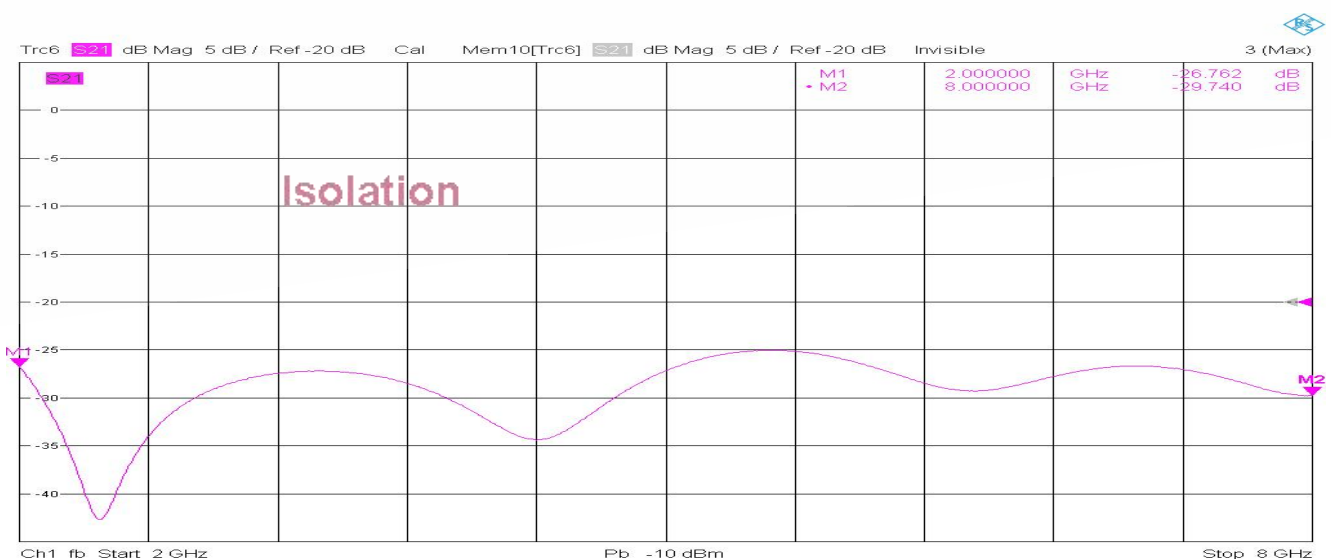
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



7/11/2025, 2:06 PM

2. Isolation



7/11/2025, 2:07 PM

