

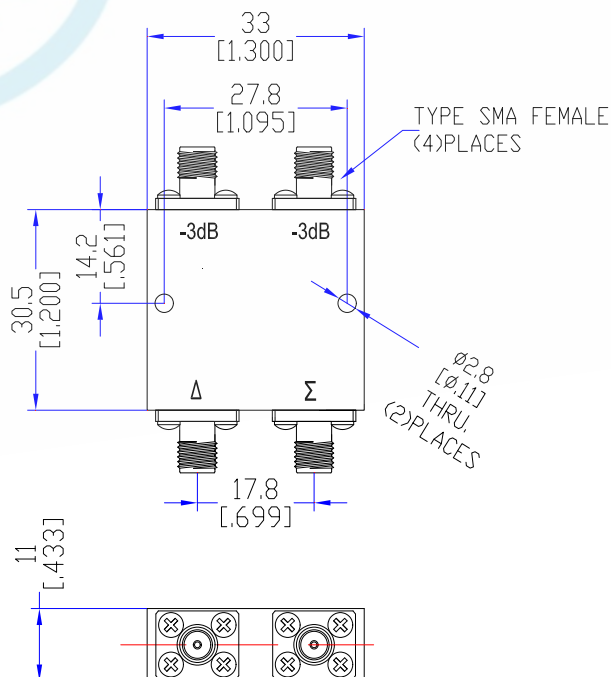
Model THC70124B

Features

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

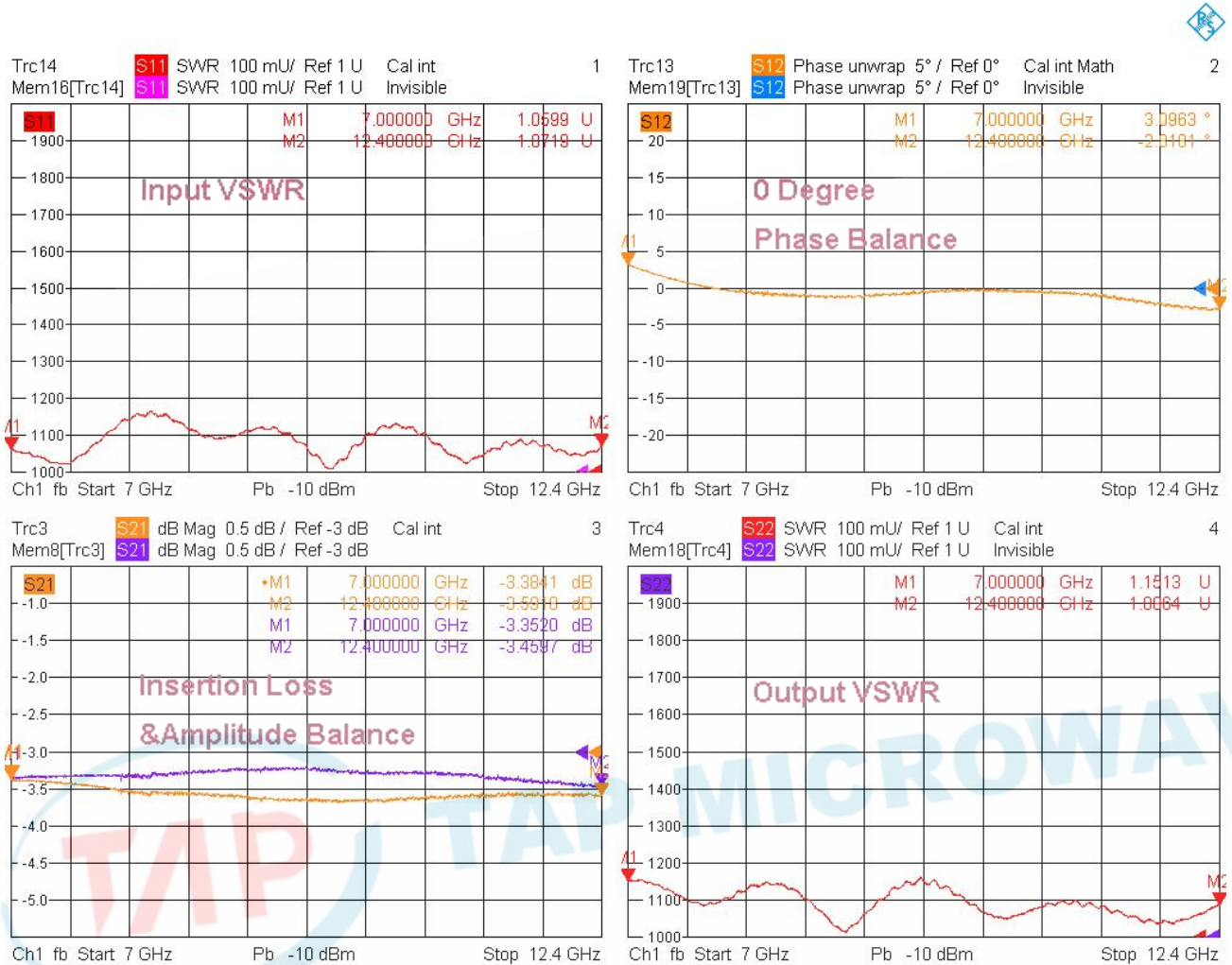
Technical Data Sheet			
Frequency Range	7~12.4GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.7dB	Housing	Aluminum, 6061 T6
Isolation	≥18dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.5dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±5°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.40:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤10Watt Peak ≤1KW	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	60g
Port Connectors	SMA-Female		

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



Typical Performance

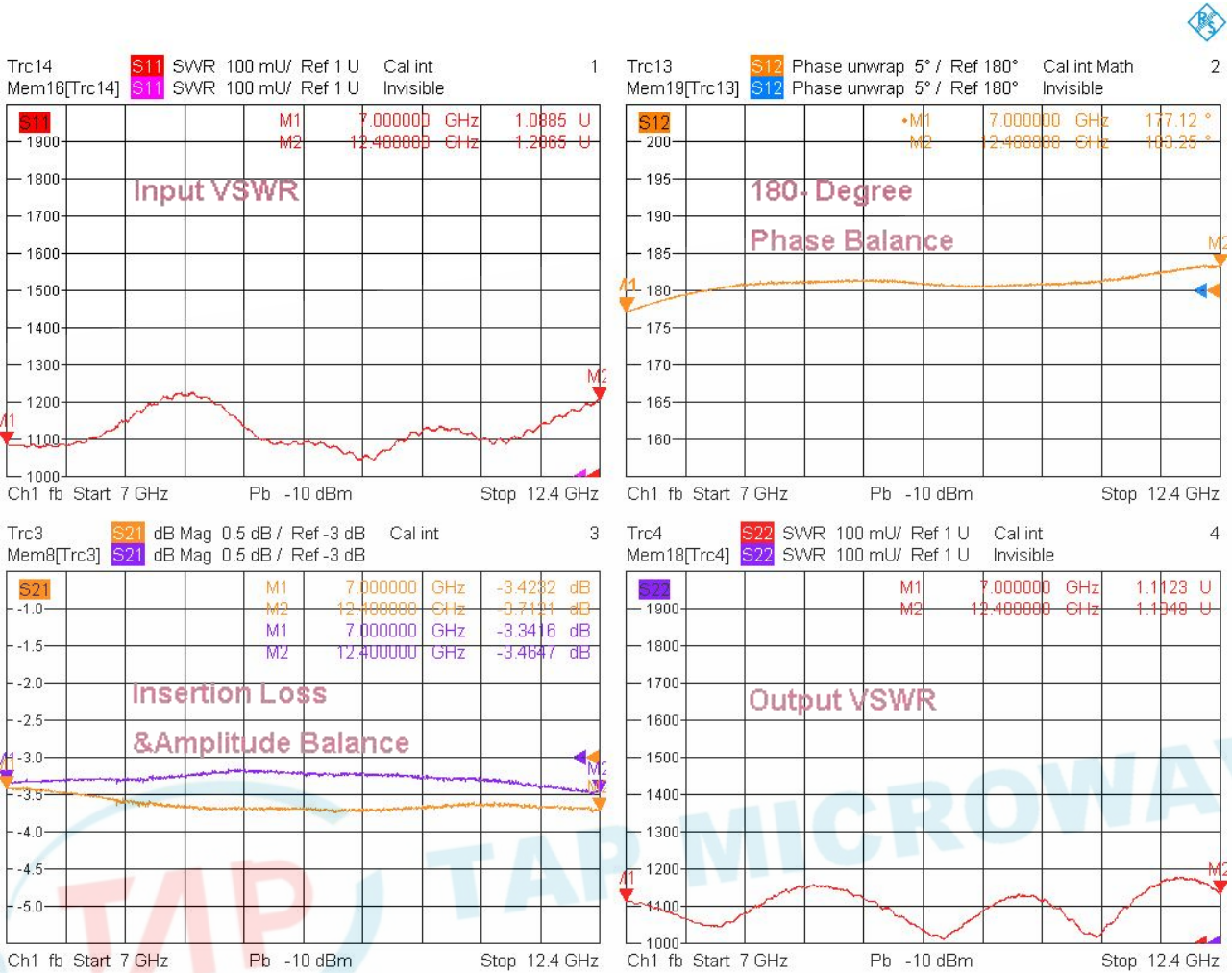
1. Insertion Loss, Amplitude & Phase Balance, VSWR_{in} 0°



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2. Insertion Loss, Amplitude/ Phase Balance, VSWR _ 180°



3. Isolation

