

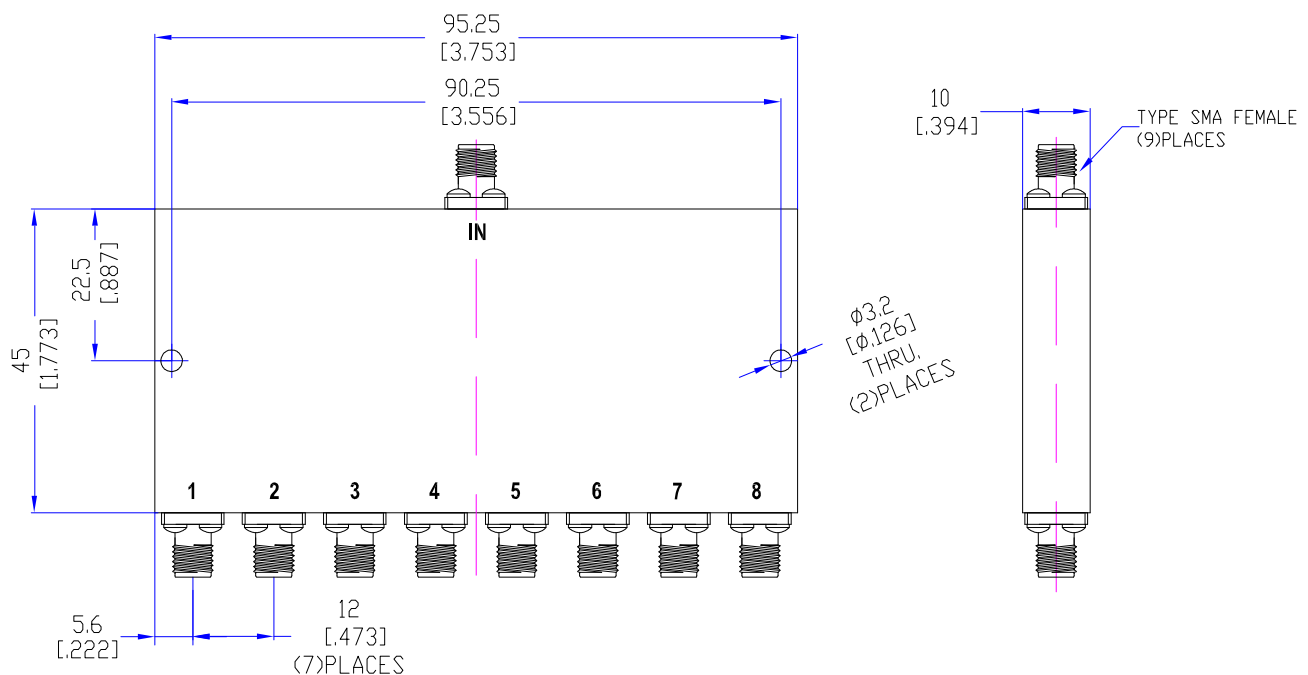
Model TPD8090A8

Features

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

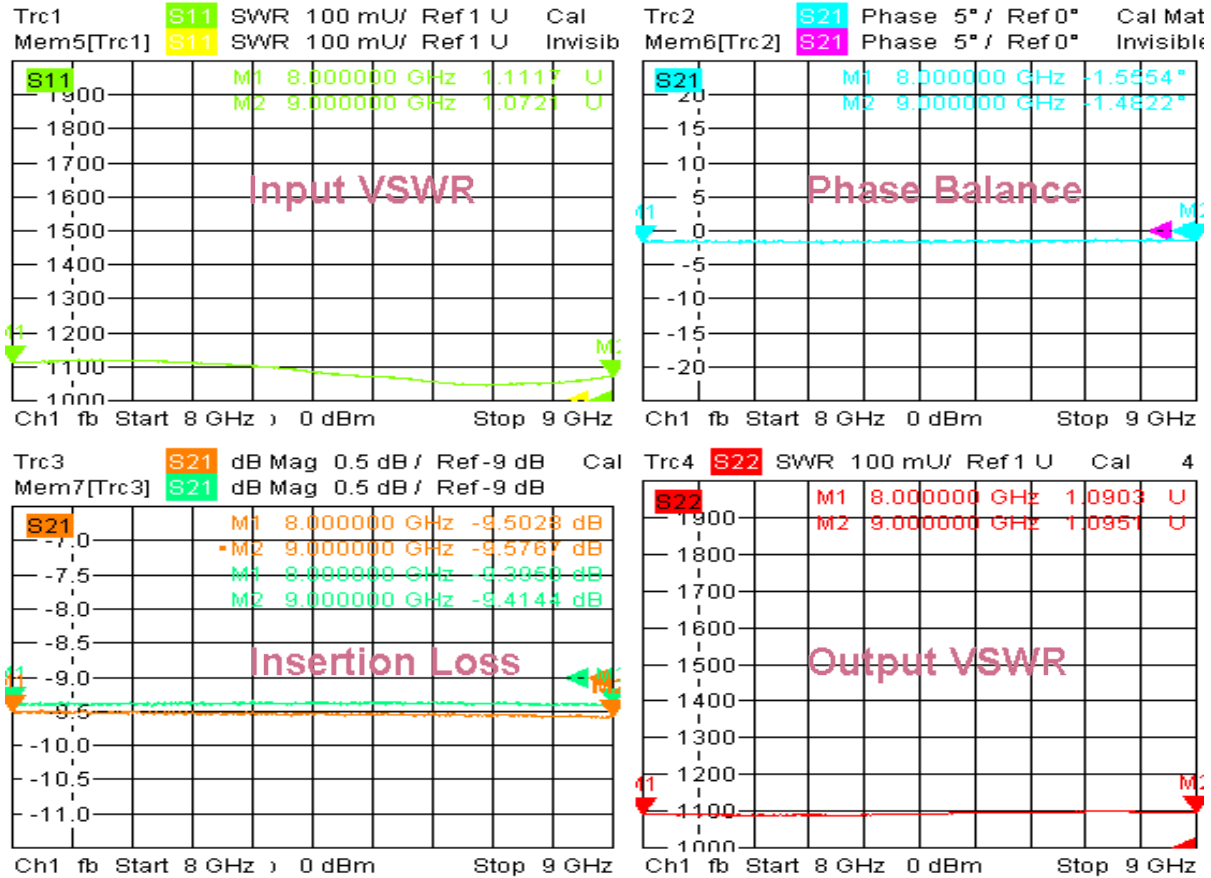
Technical Data Sheet			
Frequency Range	8~9GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.5dB (Above 9.03dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.50:1 Output ≤1.50:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤50Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	130g
Port Connectors	SMA-Female		

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



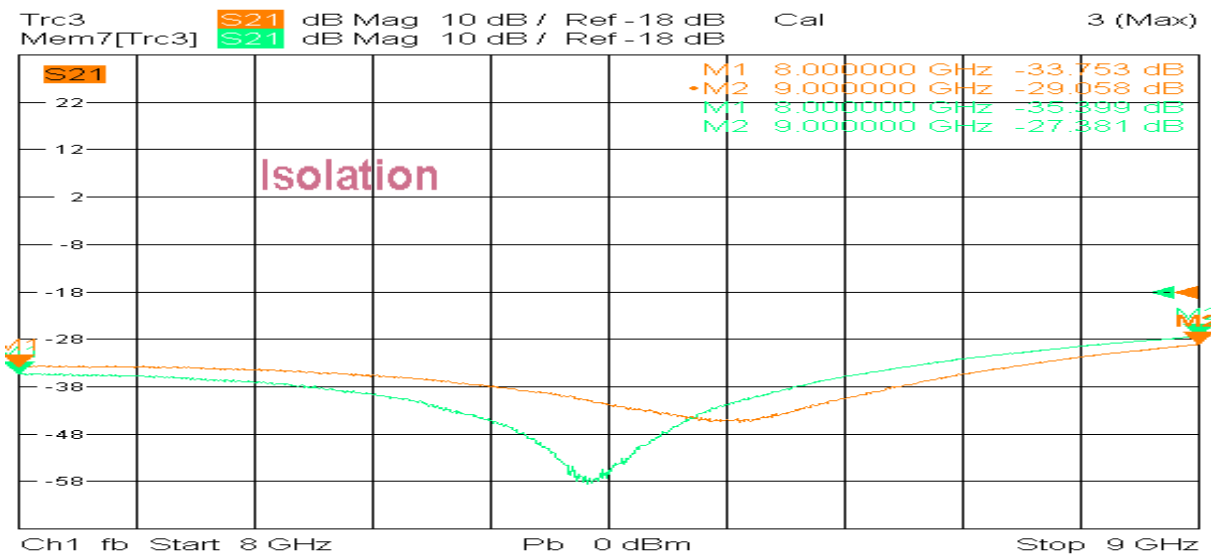
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



3/9/2021, 11:05 AM

2. Isolation



3/9/2021, 11:22 AM

