

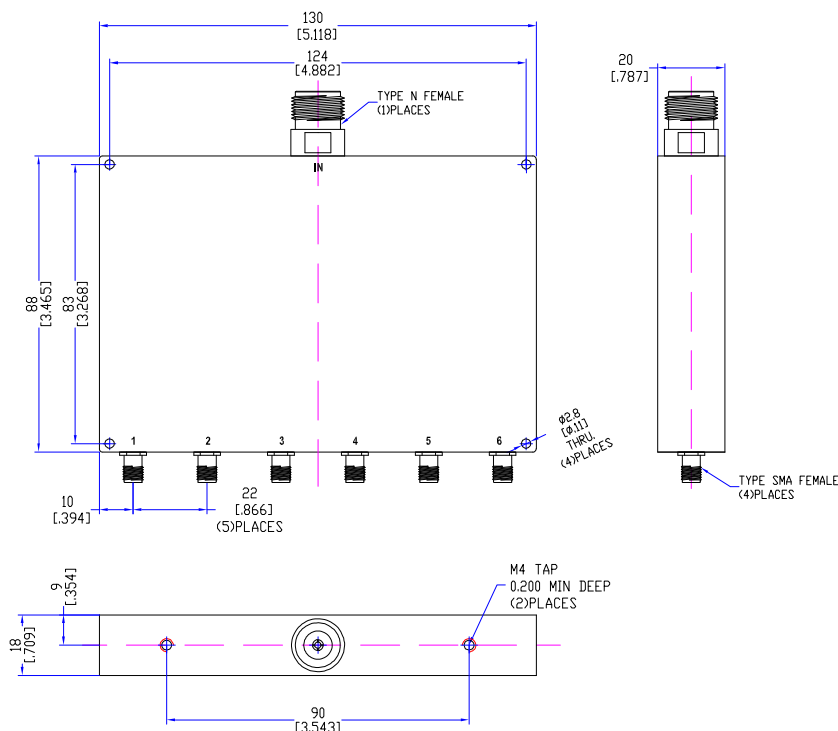
Model TPD3060N6A

Features

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

Technical Data Sheet			
Frequency Range	3~6GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.90dB (Above 7.78dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.40:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.6dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±8°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	490g
Port Connectors	Input: N-Female Output: SMA-Female		

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

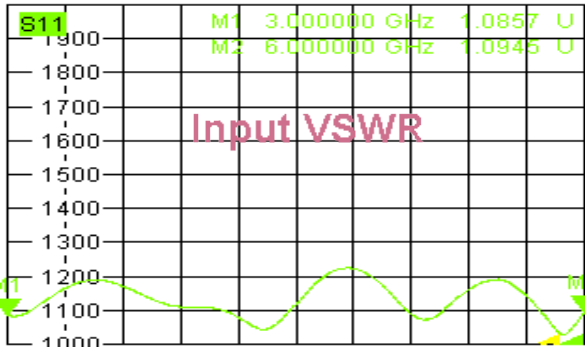


Typical Performance

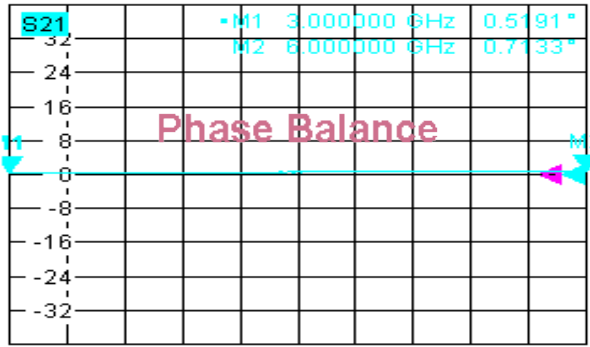
1. Insertion Loss, Amplitude & Phase Balance, VSWR



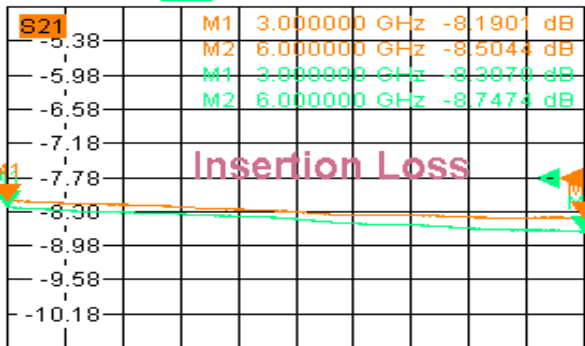
Trc1 Mem5[Trc1] **S11** SWR 100 mU/ Ref 1 U Cal Invis



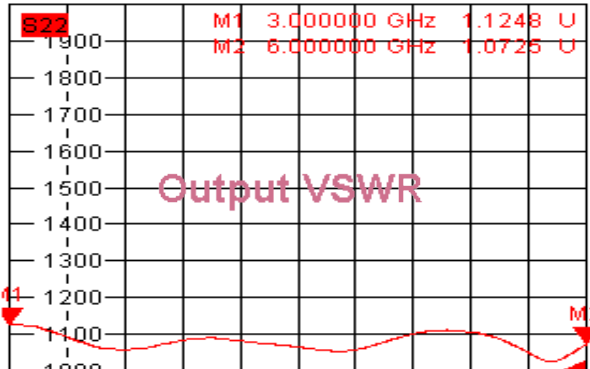
Trc2 Mem6[Trc2] **S21** Phase 8° / Ref 0° Cal Math Invisible



Trc3 Mem7[Trc3] **S21** dB Mag 0.6 dB / Ref -7.78 dB Cal



Trc4 **S22** SWR 100 mU/ Ref 1 U Cal 4

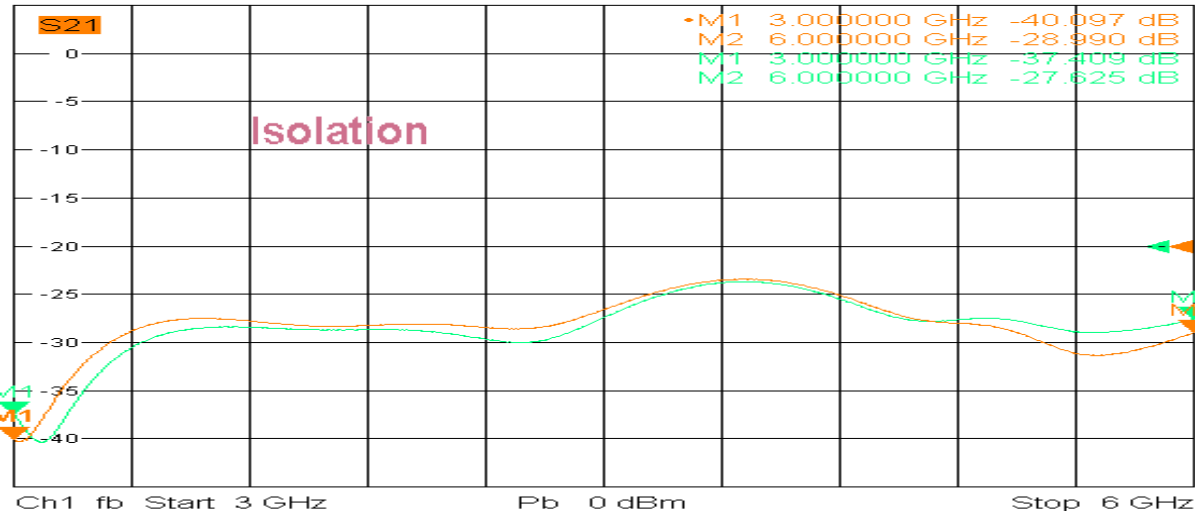


5/20/2021, 11:54 AM

2. Isolation



Trc3 Mem7[Trc3] **S21** dB Mag 5 dB / Ref -20 dB Cal 3 (Max)



5/20/2021, 12:04 PM

