

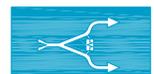
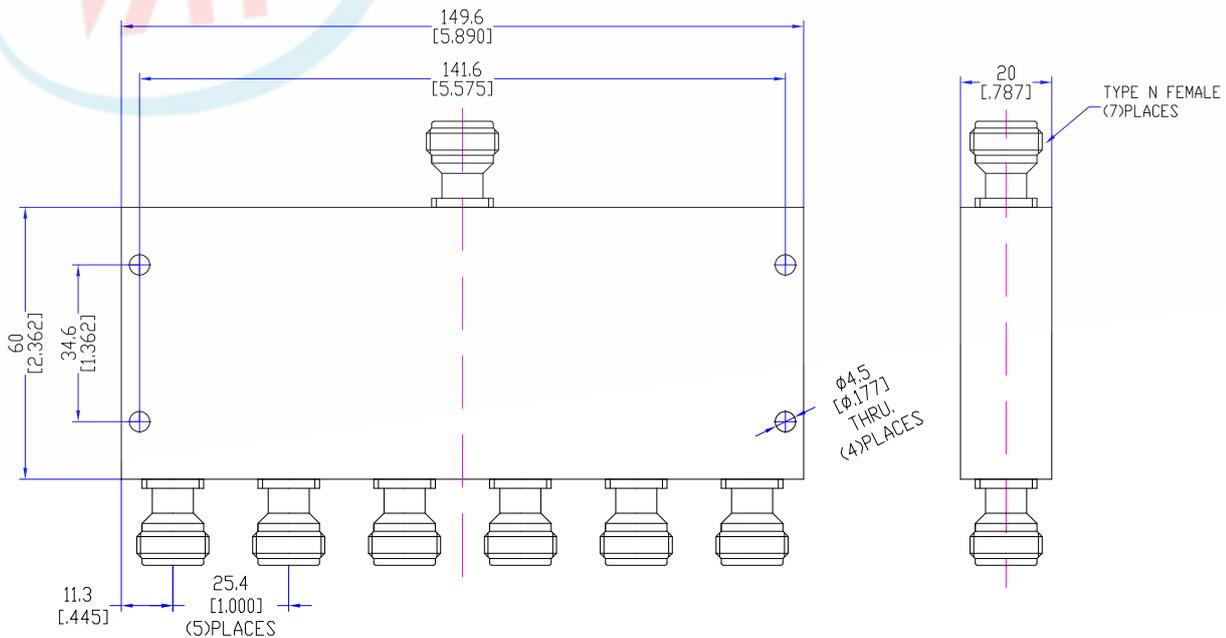
Model TPD4080N6

Features

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

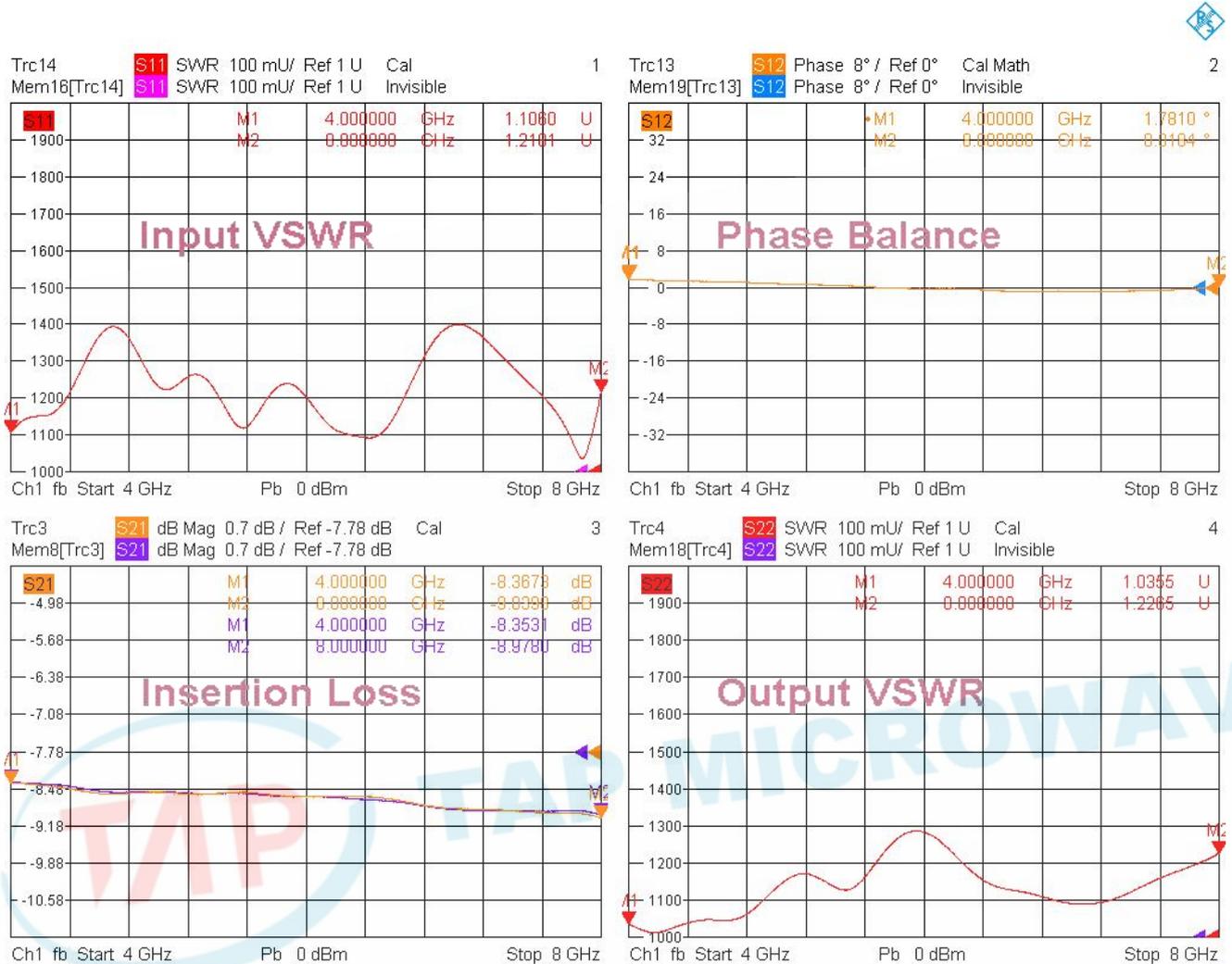
| Technical Data Sheet | | | |
|-----------------------------|-------------------------------------|-----------------------|---|
| Frequency Range | 4~8GHz | Finish | Painted Blue_ RAL #5007 |
| Insertion Loss | ≤2.0dB (Above 7.78dB Split) | Connector Body | Brass, Tri-Alloy Plate |
| VSWR | Input ≤1.60:1 Output ≤1.40:1 | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Isolation | ≥17dB | Connector Pin | Beryllium Copper, Gold Plate |
| Amplitude Balance | ≤±0.7dB | 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 | 360g |
| Port Connectors | N-Female | | |

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



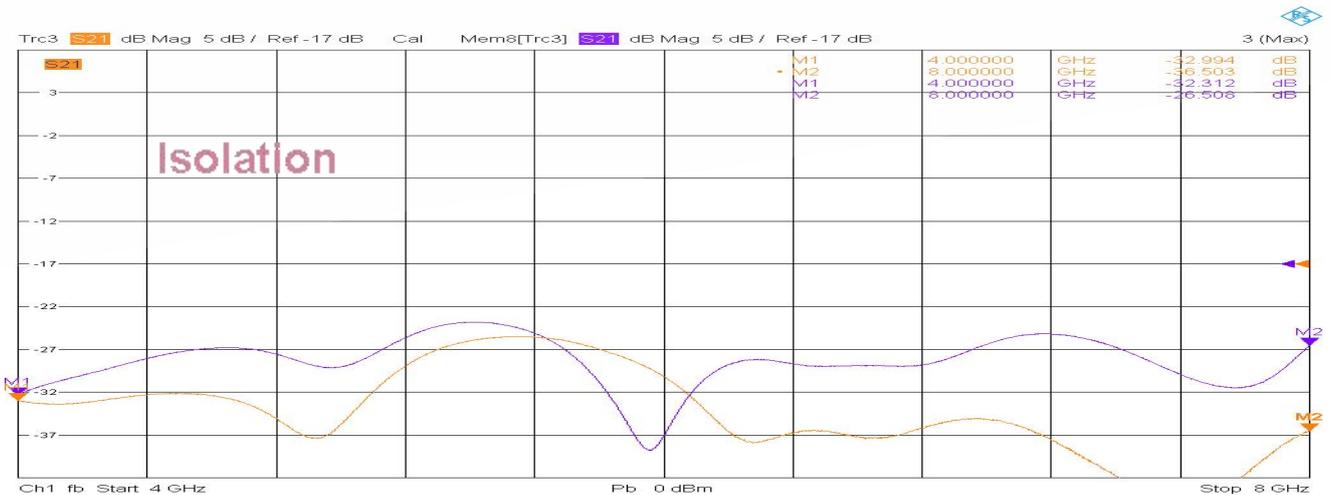
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



1/15/2023, 2:25 PM

2. Isolation



1/15/2023, 2:33 PM

