

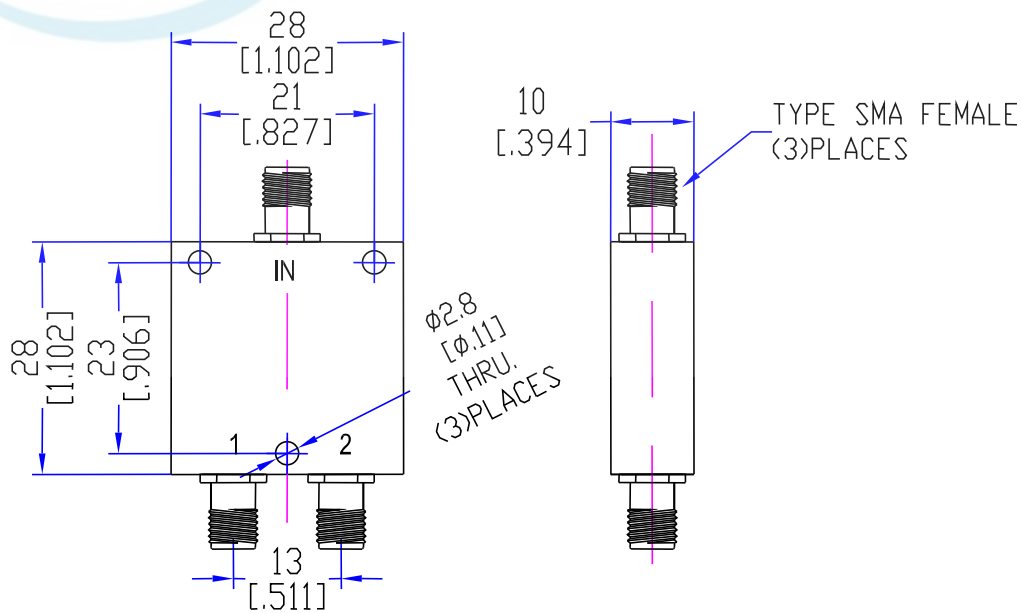
Model TPD8084A2

Features

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

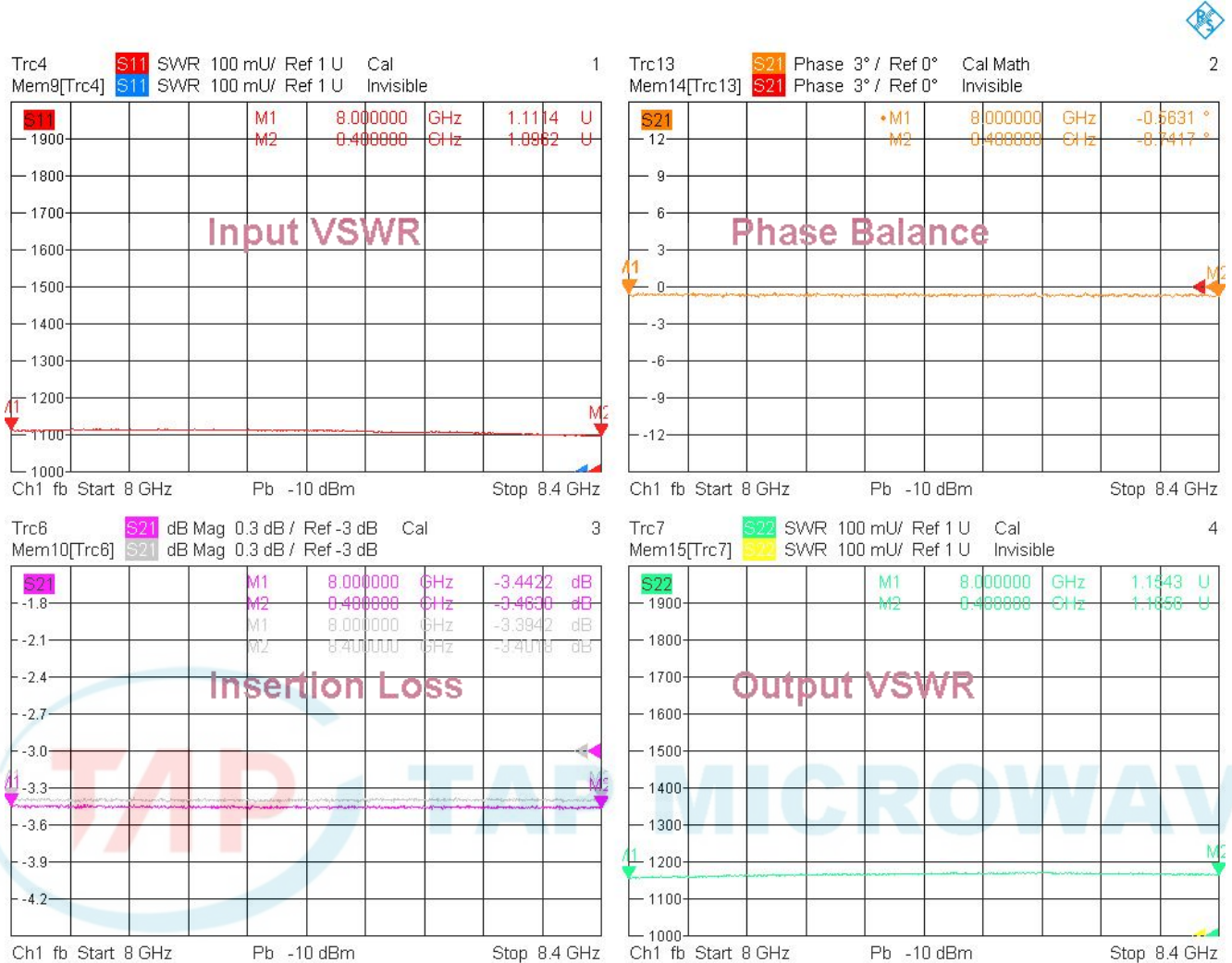
| Technical Data Sheet | | | |
|-----------------------------|-------------------------------------|-----------------------|---|
| Frequency Range | 8.0~8.4GHz | Finish | Painted Blue_ RAL #5007 |
| Insertion Loss | ≤0.7dB (Above 3.01dB Split) | Connector Body | Brass, Tri-Alloy Plate |
| VSWR | Input ≤1.30:1 Output ≤1.30:1 | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Isolation | ≥20dB | Connector Pin | Beryllium Copper, Gold Plate |
| Amplitude Balance | ≤±0.3dB | Solder | Lead Free, RoHS Compliant |
| Phase Balance | ≤±3° | Operating Temperature | -40~+70°C |
| 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.



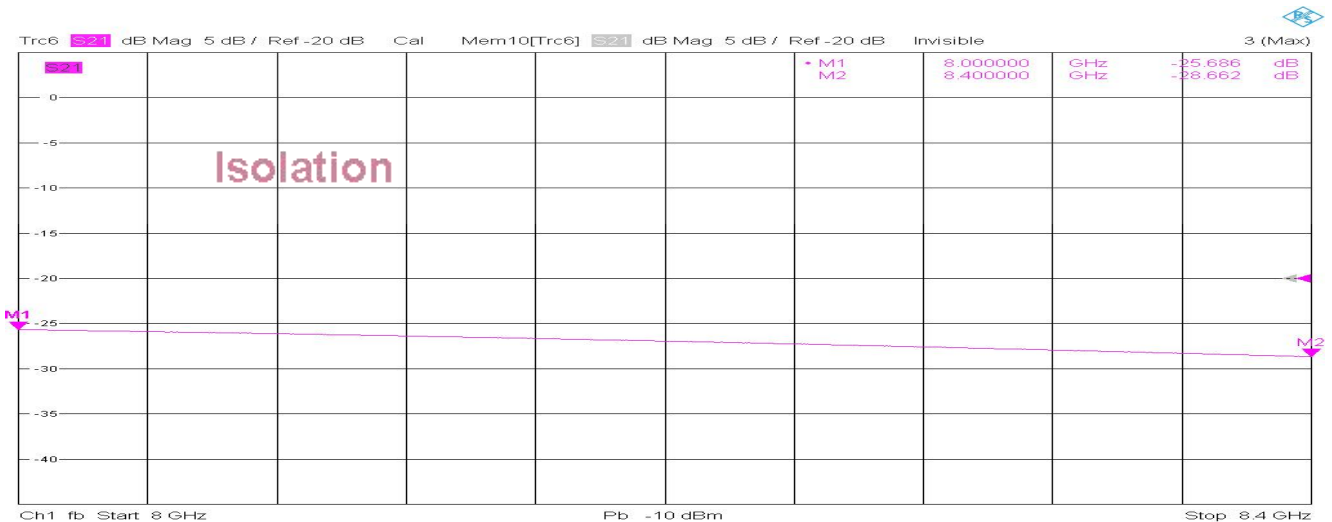
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



5/19/2023, 3:41 PM

2. Isolation



5/19/2023, 3:42 PM

