

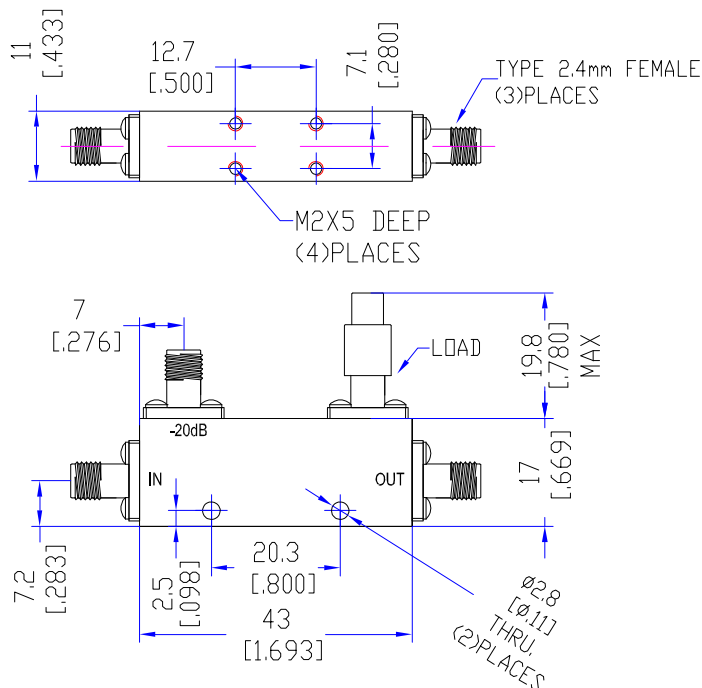
Model TDC180500A20

Features

Low VSWR
High Directivity
Broadband & Miniature Size

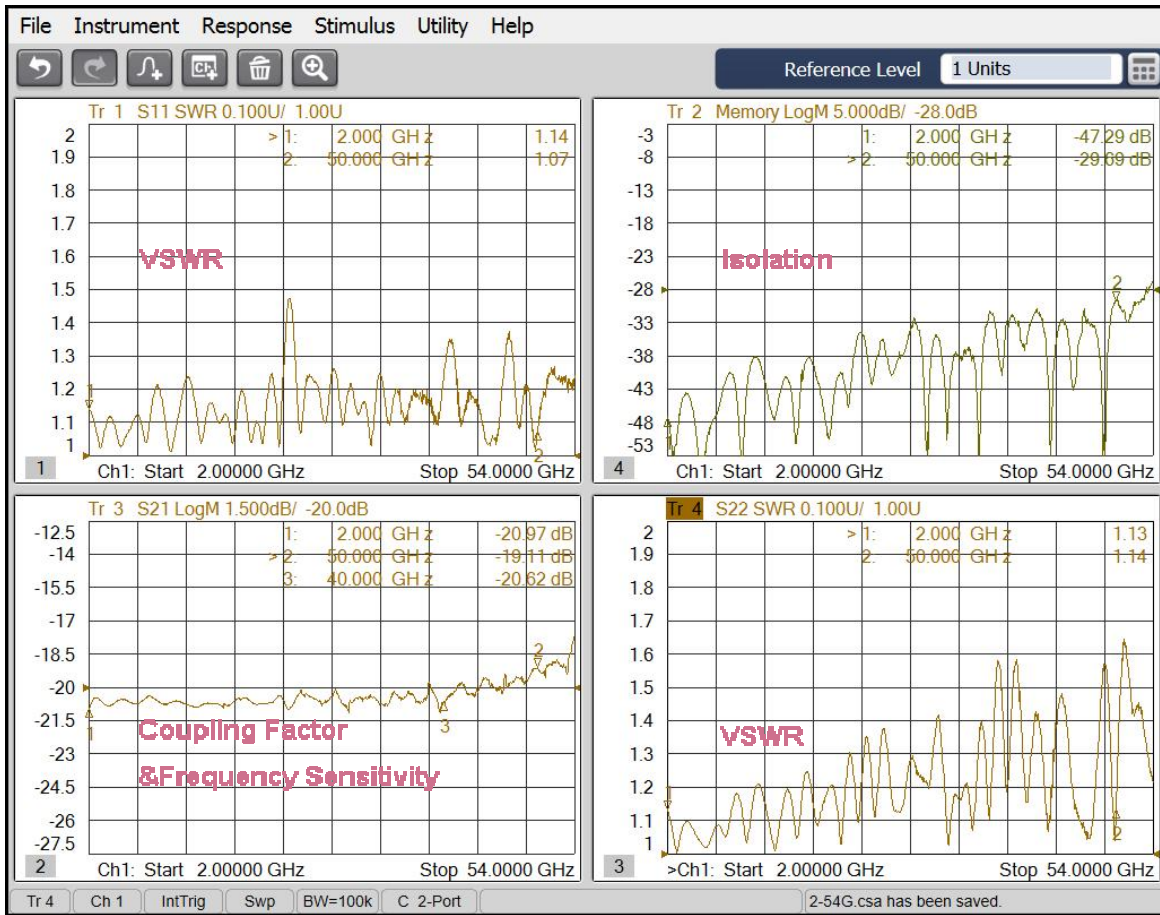
| Technical Data Sheet | | | |
|-----------------------------|---------------------------------------|-----------------------|-------------------------------------------------|
| Frequency Range | 18~50GHz | Finish | Painted Blue_ RAL #5007 |
| Insertion Loss | ≤1.8dB (Excl. Coupling Loss 0.04dB) | Connector Body | Passivated Stainless Steel |
| Coupling Factor | ≤20±1.0dB | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Coupling Sensitivity | ≤±1.5dB | Connector Pin | Beryllium Copper, Gold Plate |
| Directivity | ≥8dB | Solder | Lead Free, RoHS Compliant |
| VSWR | Primary ≤1.70:1 Secondary ≤1.80:1 | Operating Temperature | -55~+85°C |
| ¹ Power Handling | Incident ≤20Watt; Reflected ≤1Watt | Operating Humidity | Up to 95%, Non- Condensing |
| Impedance | 50Ω | Weight | 30g |
| Port Connectors | 2.4mm-Female | | |

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



2. Insertion Loss

