

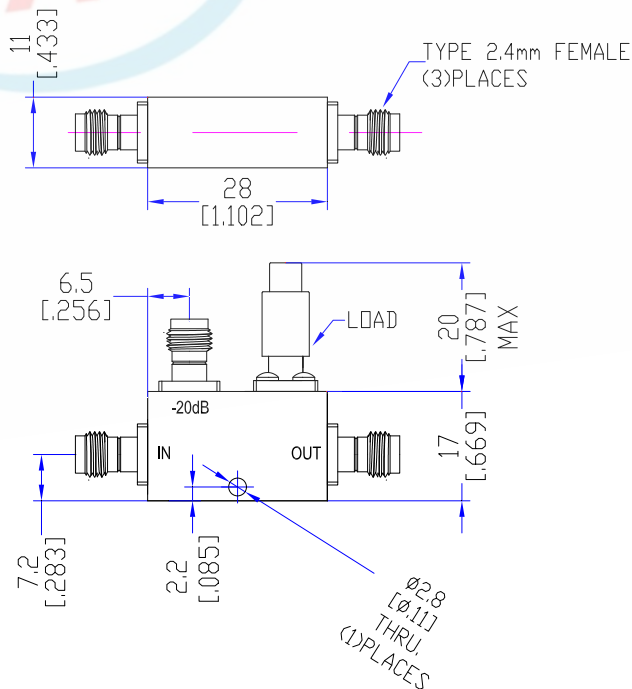
## Model TDC40500A30

### Features

- Low VSWR
- High Directivity
- Broadband & Miniature Size

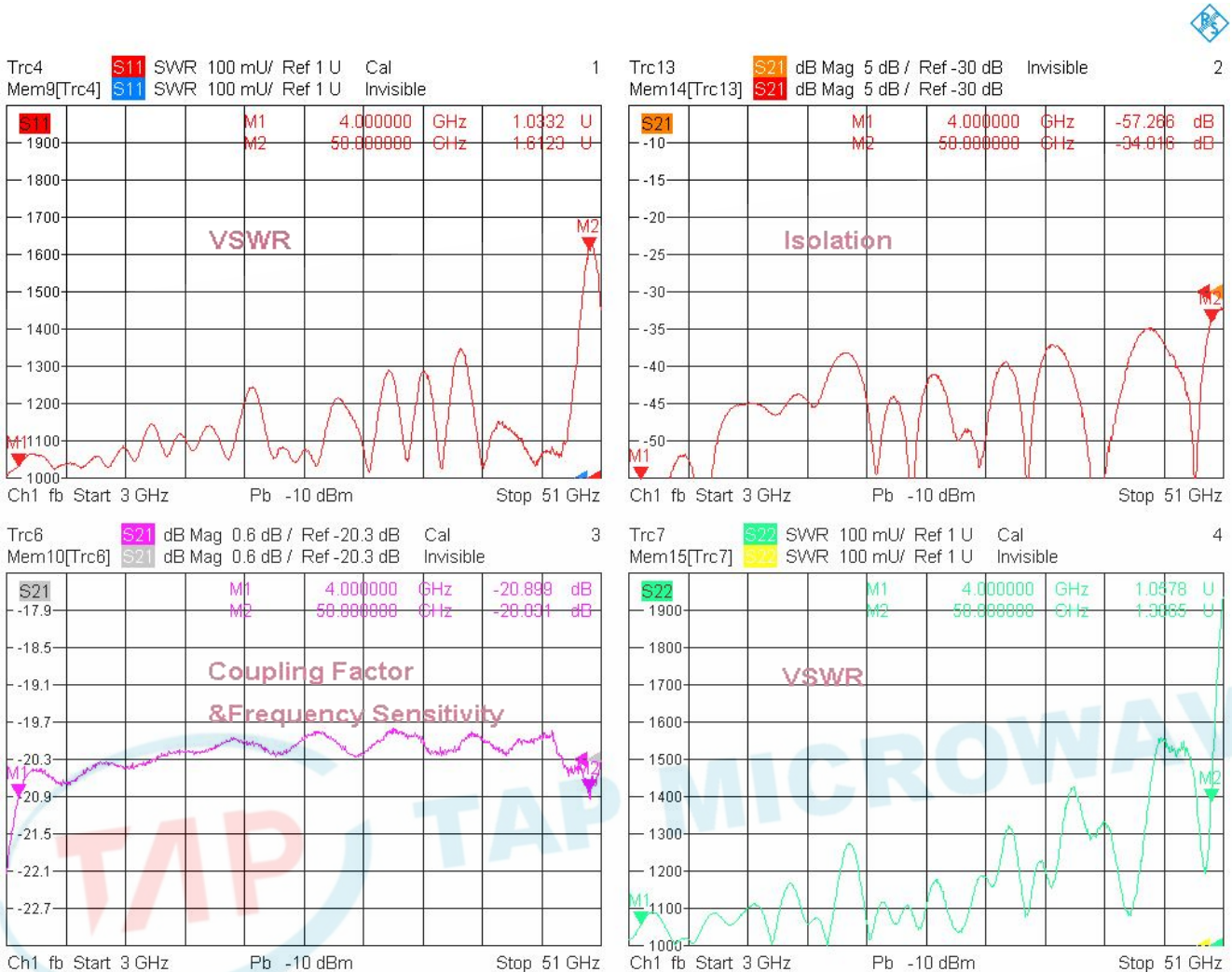
Technical Data Sheet			
Frequency Range	4~50GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.5dB (Excl. Coupling Loss 0.04dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤30±1.5dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.5dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥10dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.80:1 Secondary ≤1.80:1	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Incident ≤10Watt; Reflected ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	30g
Port Connectors	2.4mm-Female		

<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.50:1.



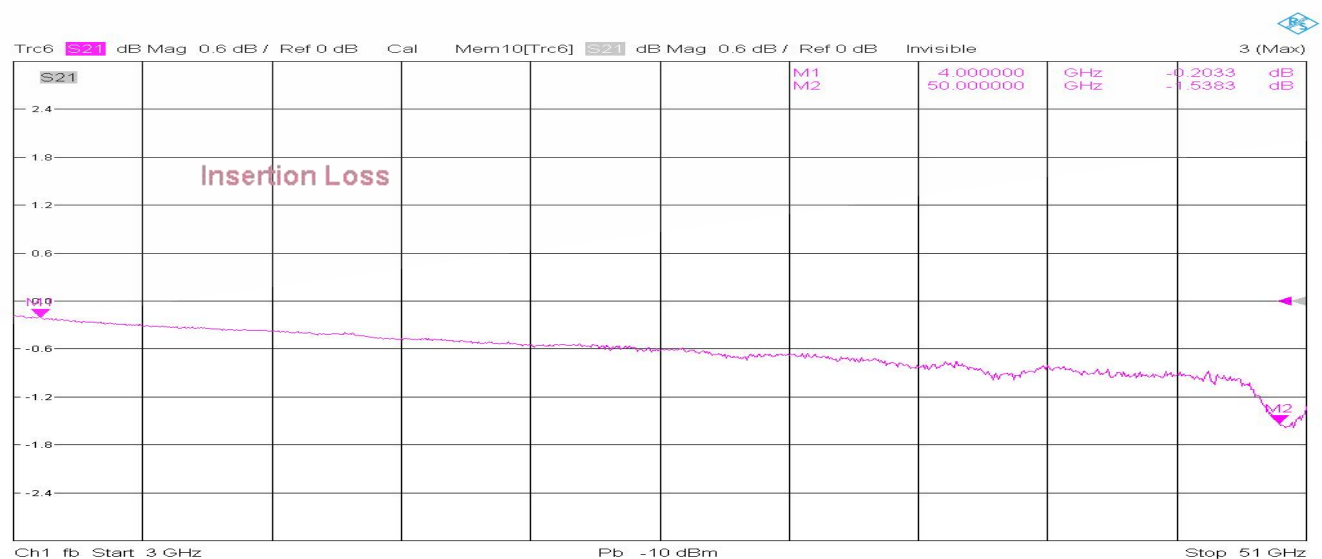
## Typical Performance

### 1. Coupling Factor & Sensitivity, Isolation, VSWR



8/11/2021, 4:50 PM

### 2. Insertion Loss



8/11/2021, 4:51 PM

