

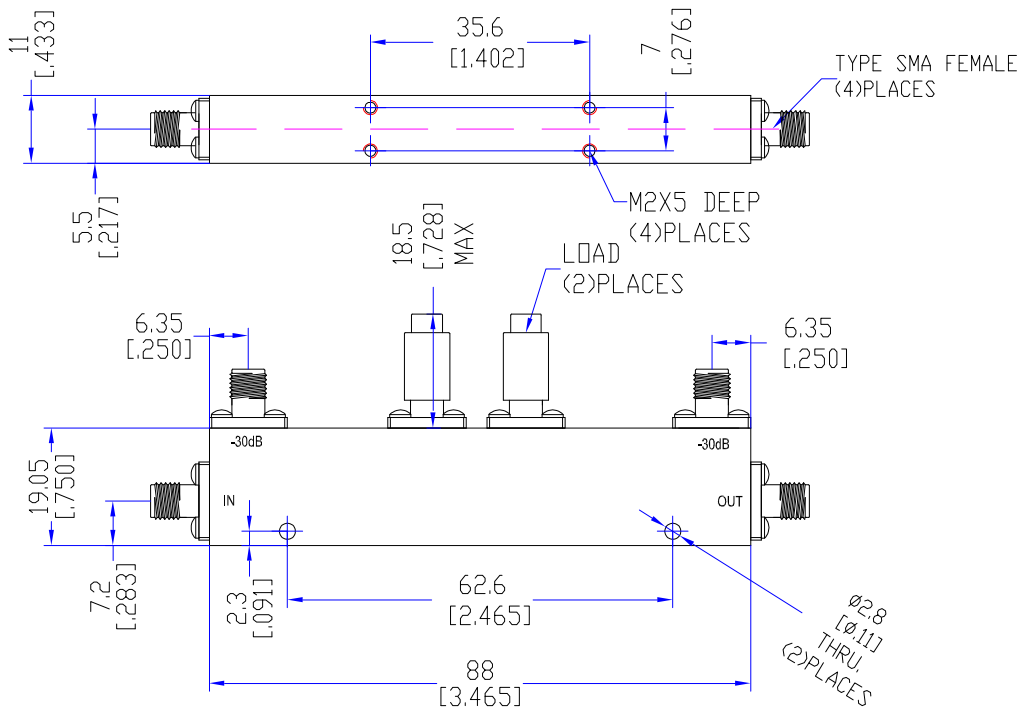
Model TDC2040A20D

Features

Low VSWR
High Directivity
Broadband & Miniature Size

Technical Data Sheet			
Frequency Range	2~4GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.8dB (Excl. Coupling Loss 0.08dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤20±1dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±0.8dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥18dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.25:1 Secondary ≤1.25:1	Operating Temperature	-55~+85°C
¹ Power Handling	Incident ≤20Watt; Reflected ≤20Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	70g
Port Connectors	SMA-Female		

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

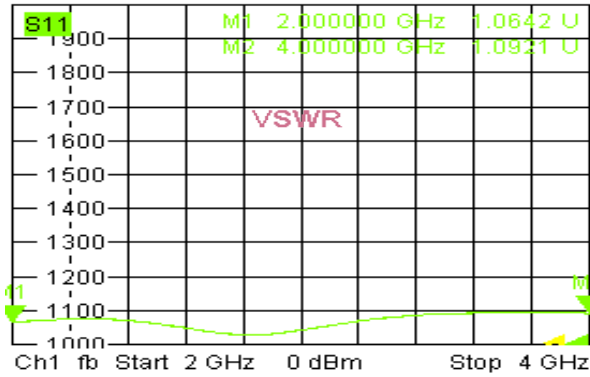


Typical Performance

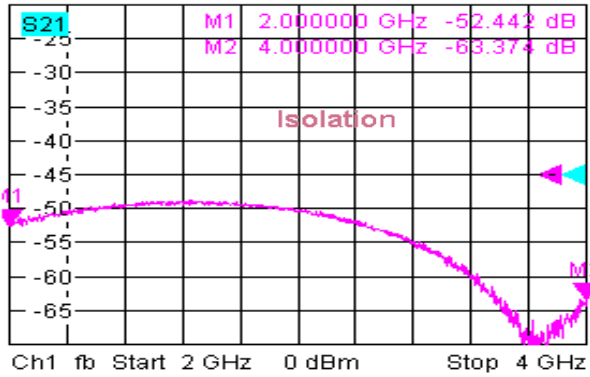
1. Coupling Factor & Sensitivity, Isolation, VSWR



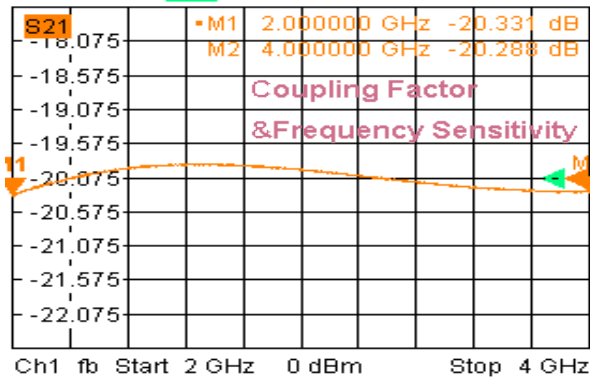
Trc1 Mem5[Trc1] **S11** SWR 100 mU/ Ref1 U Cal Invis



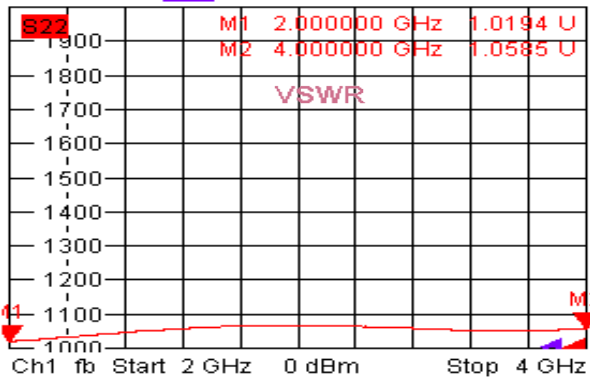
Trc2 Mem6[Trc2] **S21** dB Mag 5 dB / Ref-45 dB In



Trc3 Mem7[Trc3] **S21** dB Mag 0.5 dB / Ref-20.075 d



Trc4 Mem8[Trc4] **S22** SWR 100 mU/ Ref1 U Cal Invis

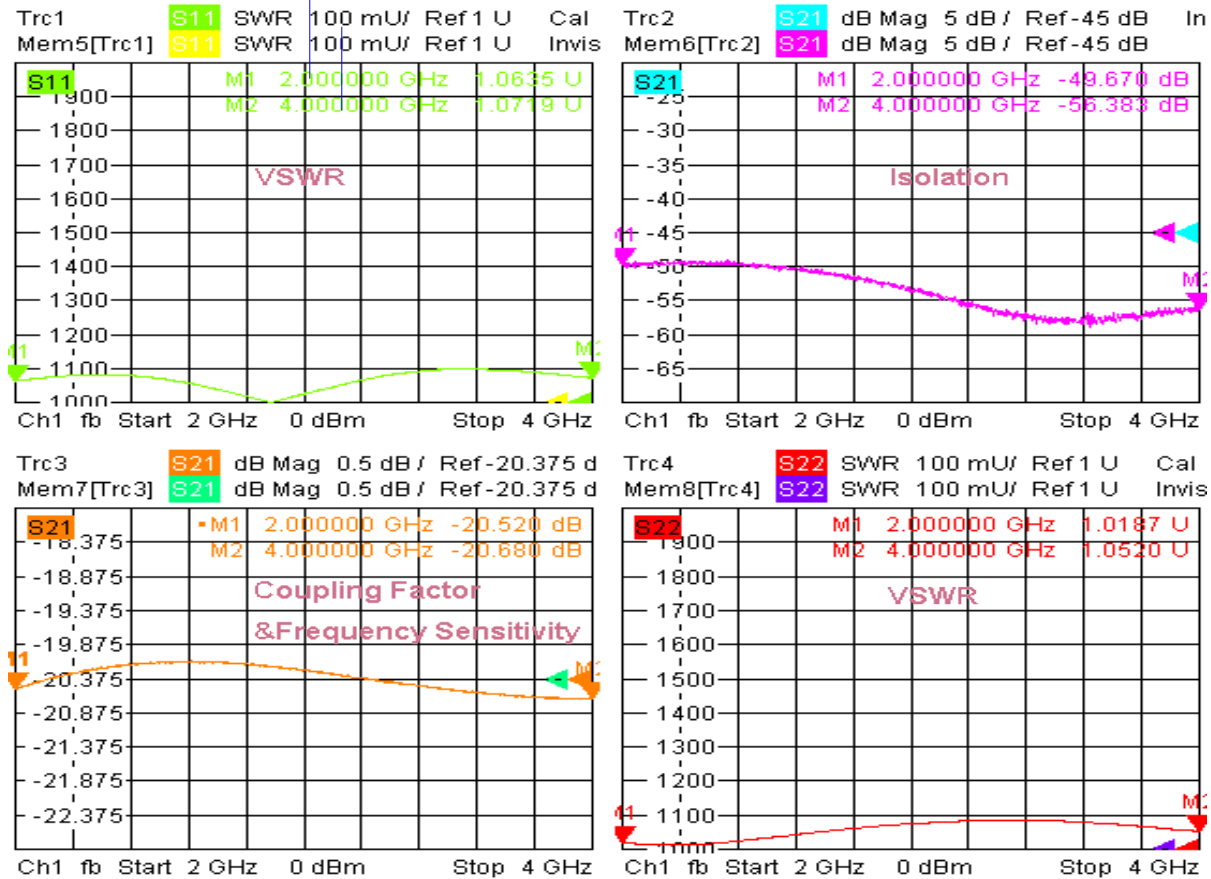


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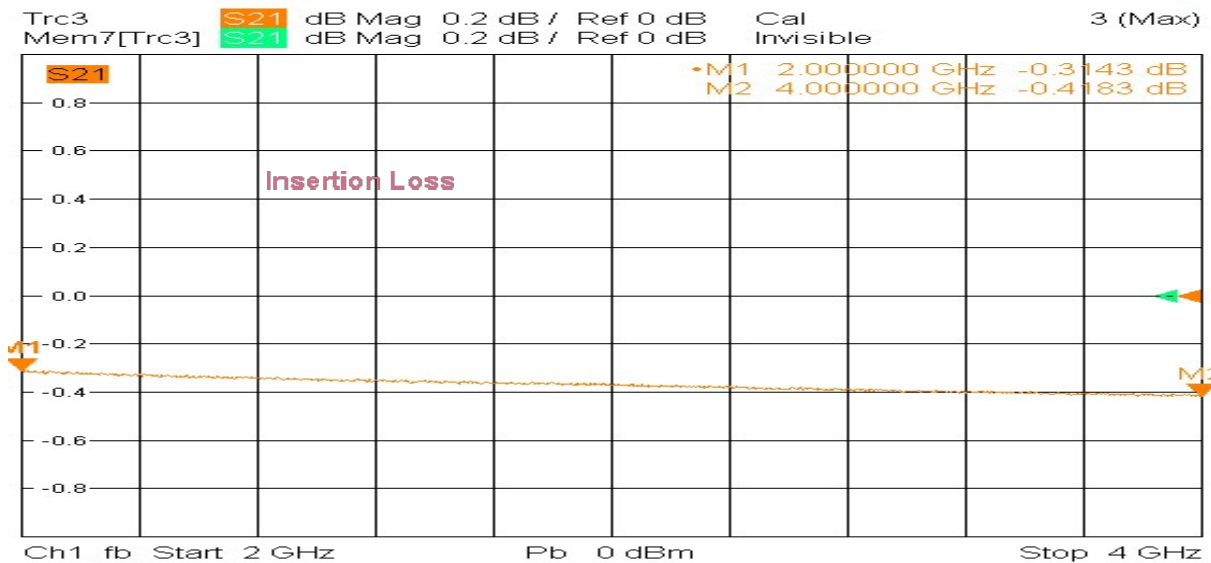
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



8/28/2020, 10:38 AM

3. Insertion Loss



8/28/2020, 10:39 AM

