

**TMDC-06005000-10V20 6-50 GHz, 10dB, 20W, 1.85mm Female**

**FEATURES**

- ❖ Wide Band Operation 6-50 GHz
- ❖ Power Handle Capability up to 20W
- ❖ 10 dB Typical Coupling
- ❖ Low Insertion Loss

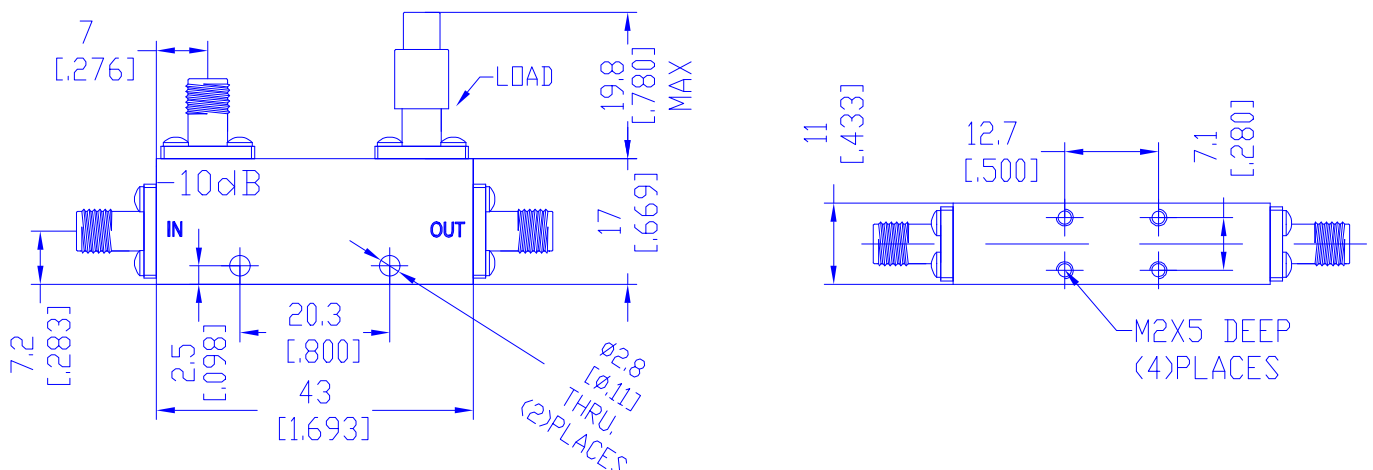
**APPLICATIONS**

- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

**SPECIFICATIONS**

Parameters	Min.	Typ.	Max.	Units
Frequency Range	6	-	50	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	9	10	11	dB
Frequency Sensitivity	-	-	±1.2	dB
Directivity	8	-	-	dB
Insertion Loss(Excluding coupling loss 0.46dB)	-	-	2.0	dB
VSWR Primary	-	-	1.8	:1
VSWR Secondary	-	- <td 1.9	:1	
Power Handling	Incident	-	20	W
	Reflected	-	1	W
Operating Temperature	-55	-	+85	°C
Input/Output Connectors	1.85mm-Female			
Connector Body	Passivated Stainless Steel			
Size	43mm×17mm×11mm			
Weight	30g			
Surface Finishing	Black/Blue Paint			
Material	Aluminum			

**Outline Drawing [mm[inch]]**



Tolerances ±0.5[0.02]