

**TMDC-01005000-20410 1-50 GHz, 20dB, 10W, 2.4mm Female**

**FEATURES**

- ❖ Wide Band Operation 1-50 GHz
- ❖ Power Handle Capability up to 10W
- ❖ 20 dB Typical Coupling
- ❖ Low Insertion Loss

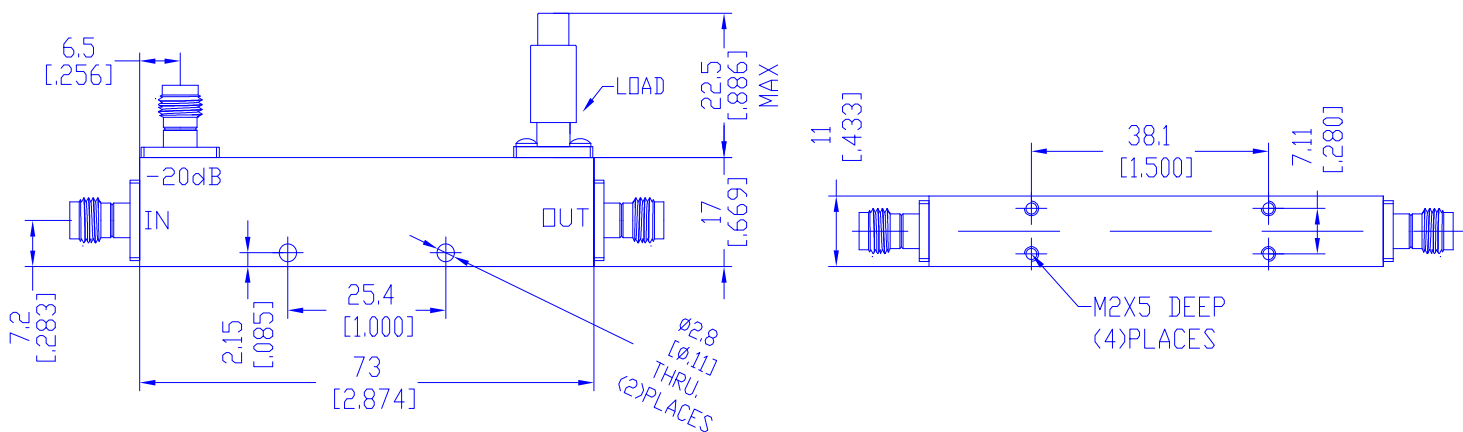
**APPLICATIONS**

- ❖ 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	1	-	50	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	18.5	20	21.5	dB
Frequency Sensitivity	-	-	±2.0	dB
Directivity	6	-	-	dB
Insertion Loss(Excluding coupling loss 0.04dB)	-	-	3.4	dB
VSWR Primary	-	-	1.7	:1
VSWR Secondary	-	-	1.9	:1
Power Handling	Forward	-	10	W
	Reflected	-	1	W
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	2.4mm-Female			
Weight	60g			
Surface Finishing	Black/Blue Paint			
Material	Aluminum			

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



Tolerances ±0.5[0.02]