

**TMDC-01002000-10K30 1-20 GHz, 10dB, 30W, 2.92mm Female**

**FEATURES**

- ❖ Wide Band Operation 1-20 GHz
- ❖ Power Handle Capability up to 30W
- ❖ 10 dB Typical Coupling
- ❖ Low Insertion Loss

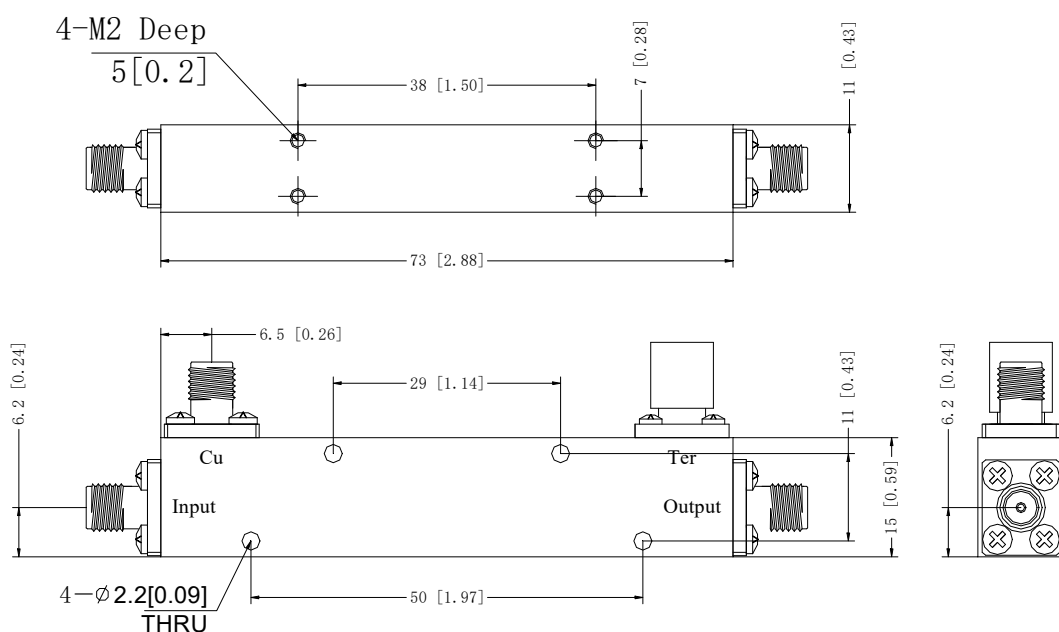
**APPLICATIONS**

- ❖ 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	1	-	20	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	8.5	10	11.5	dB
Frequency Sensitivity	-	-	±1.2	dB
Directivity	10	-	-	dB
Insertion Loss(Excluding Coupling)	-	-	1.0	dB
Insertion Loss(True)	-	-	1.0	dB
VSWR Primary	-	1.4	1.6	:1
VSWR Secondary	-	1.4	1.6	:1
Average Power		30		W
Peak Power		-		kW
Operating Temperature		-45°C~+85°C		
Storage Temperature		-50°C~+105°C		
Input/Output Connectors		2.92mm female		
Weight		50g max		
Surface Finishing		Black Plated		
Material		Aluminum		

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



Tolerances ±0.5[0.02]