

**TMDC-01001200-15S30 1-12 GHz, 15dB, 30W, SMA Female**

**FEATURES**

- ❖ Wide Band Operation 1-12 GHz
- ❖ Power Handle Capability up to 30W
- ❖ 15 dB Typical Coupling
- ❖ Low Insertion Loss

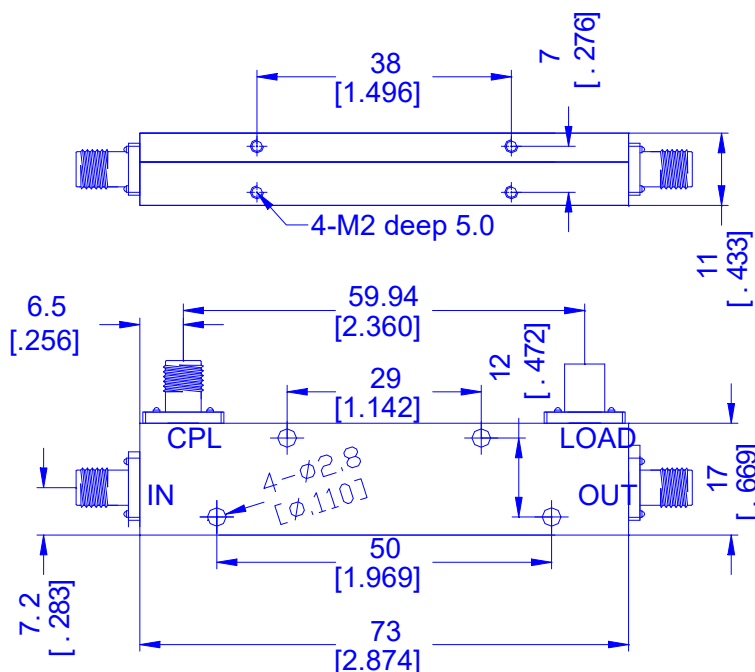
**APPLICATIONS**

- ❖ 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	-	12	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	14	15	16	dB
Frequency Sensitivity	-	-	±1.0	dB
Directivity	15	-	-	dB
Insertion Loss(Excluding Coupling)	-	-	0.86	dB
Insertion Loss(True)	-	-	-	dB
VSWR Primary	-	-	1.45	:1
VSWR Secondary	-	-	1.45	:1
Average Power	30			W
Peak Power	-			kW
Operating Temperature	-40°C~+85°C			
Storage Temperature	-50°C~+105°C			
Input/Output Connectors	SMA female			
Weight	50g max			
Surface Finishing	Black Plated			
Material	Aluminum			

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



Tolerances ±0.5[0.02]