

**TMDC-00500100-10S100 0.5-1 GHz, 10dB, 100W, SMA Female**

**FEATURES**

- ❖ Wide Band Operation 0.5-1 GHz
- ❖ Power Handle Capability up to 100W
- ❖ 10 dB Typical Coupling
- ❖ Low Insertion Loss

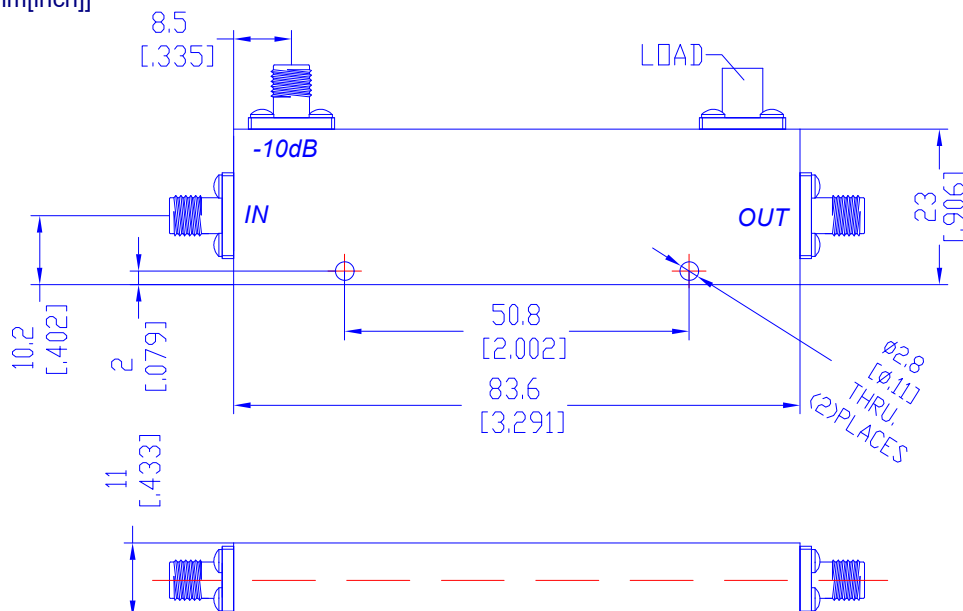
**APPLICATIONS**

- ❖ 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	0.5	-	1	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	9	10	11	dB
Frequency Sensitivity	-	-	±1.0	dB
Directivity	20	-	-	dB
Insertion Loss(Excluding coupling loss 0.04dB)	-	-	0.4	dB
VSWR Primary	-	-	1.2	:1
VSWR Secondary	-	-	1.2	:1
Power Handling	Incident	-	100	W
	Reelected	-	5	W
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	SMA-Female(Stainless Steel)			
Weight	70g			
Surface Finishing	Black/Blue Paint			
Material	Aluminum			

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



Tolerances ±0.5[0.02]