

TMDC-01000200-10S50 1-2 GHz, 10dB, 50W, SMA Female

FEATURES

- ❖ Wide Band Operation 1-2 GHz
- ❖ Power Handle Capability up to 50W
- ❖ 10 dB Typical Coupling
- ❖ Low Insertion Loss

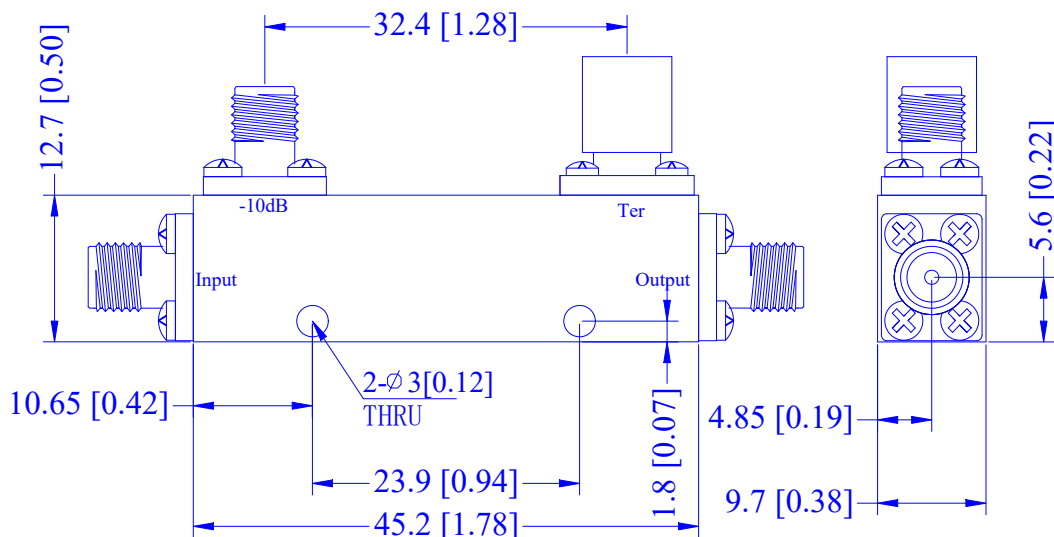
APPLICATIONS

- ❖ 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	-	2	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	8.75	10	11.25	dB
Frequency Sensitivity	-	±0.5	±0.75	dB
Directivity	25	-	-	dB
Insertion Loss(Excluding Coupling)	-	-	0.2	dB
Insertion Loss(True)	-	0.6	0.8	dB
VSWR Primary	-	-	1.1	:1
VSWR Secondary	-	-	1.1	:1
Average Power	50			W
Peak Power	3(1% Duty Cycle, 1µs Pulse Width)			kW
Operating Temperature	-40°C~+85°C			
Storage Temperature	-50°C~+105°C			
Input/Output Connectors	SMA female(Stainless Steel)			
Weight	30g max			
Surface Finishing	Gray Plated			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]