

TMDC-08500950-20S50 8.5-9.5 GHz, 20dB, 50W, SMA Female

FEATURES

- ❖ Band Operation 8.5-9.5 GHz
- ❖ Power Handle Capability up to 50W
- ❖ 20 dB Typical Coupling
- ❖ Low Insertion Loss

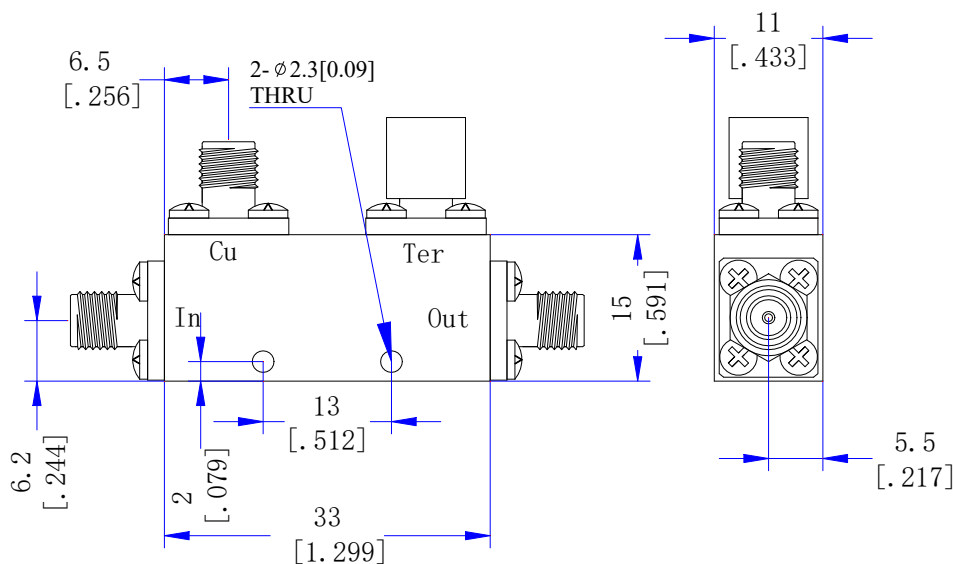
APPLICATIONS

- ❖ 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	8.5	-	9.5	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	19	20	21	dB
Frequency Sensitivity	-	±0.9	±1.0	dB
Directivity	15	-	-	dB
Insertion Loss	-	-	0.5	dB
VSWR Primary	-	1.18	1.3	:1
VSWR Secondary	-	1.18	1.3	:1
Average Power	50			W
Operating Temperature	-45°C~+85°C			
Storage Temperature	-50°C~+105°C			
Input/Output Connectors	SMA female			
Weight	30g			
Surface Finishing	Black Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]