

TMDC-04200440-10S50 4.2-4.4 GHz, 10dB, 50W, SMA Female

FEATURES

- ❖ Wide Band Operation 4.2-4.4 GHz
- ❖ Power Handle Capability up to 50W
- ❖ 10 dB Typical Coupling
- ❖ Low Insertion Loss

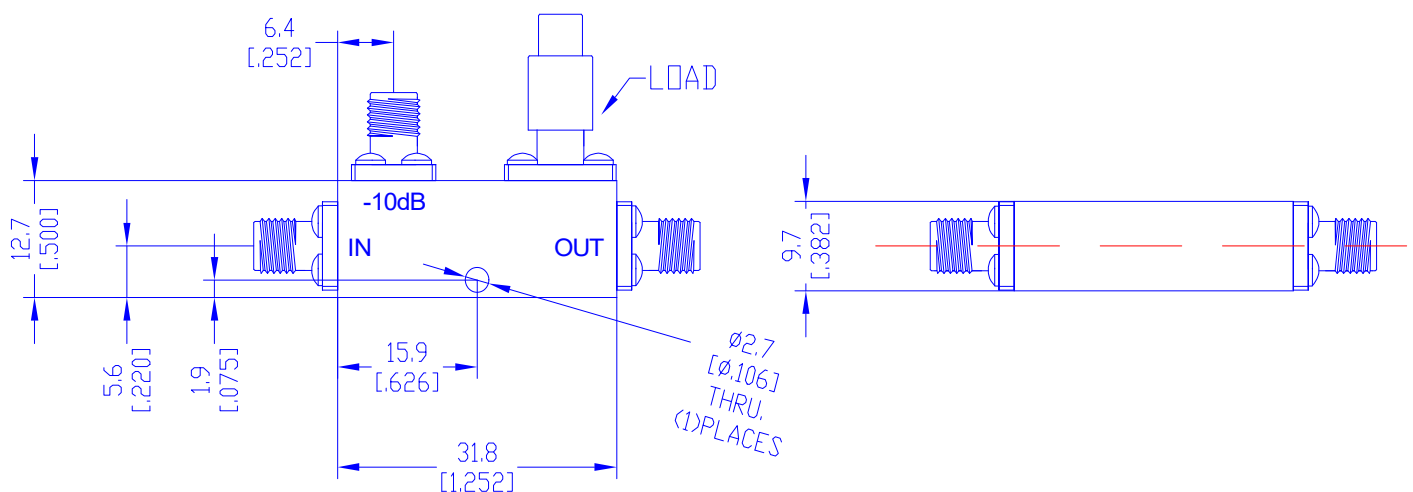
APPLICATIONS

- ❖ 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	4.2	-	4.4	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	9.5	10	10.5	dB
Frequency Sensitivity	-	-	±0.4	dB
Directivity	22	-	-	dB
Insertion Loss(Excluding coupling loss 0.46dB)	-	-	0.3	dB
VSWR Primary	-	-	1.2	:1
VSWR Secondary	-	-	1.2	:1
Power Handling	Incident	-	50	W
	Reflected	-	2	W
Operating Temperature	-55	-	+85	°C
Input/Output Connectors	SMA-Female			
Connector Body	Passivated Stainless Steel			
Size	31.8mm×12.7mm×9.7mm			
Weight	30g			
Surface Finishing	Black/Blue Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]