

TMDC-02001800-6S50 2-18 GHz, 6dB, 50W, SMA Female

FEATURES

- ❖ Wide Band Operation 2-18 GHz
- ❖ Power Handle Capability up to 50W
- ❖ 6 dB Typical Coupling
- ❖ Low Insertion Loss

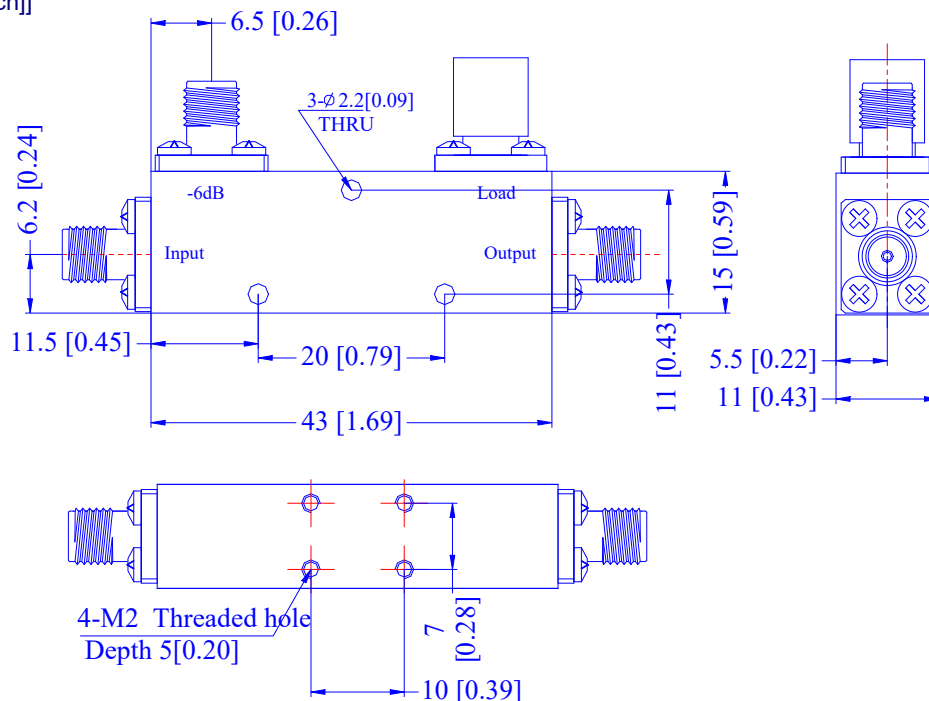
APPLICATIONS

- ❖ 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	2	-	18	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	5	6	7	dB
Frequency Sensitivity	-	±0.7	±1.0	dB
Directivity	12	-	-	dB
Insertion Loss(Excluding coupling loss)	-	-	0.5	dB
Insertion Loss(True)	-	-	2.0	dB
VSWR Primary	-	-	1.5	:1
VSWR Secondary	-	-	1.5	:1
Average Power	-	-	50	W
Peak Power	-	-	300	W
Operating Temperature	-45	-	+85	°C
Storage Temperature	-55	-	+125	°C
Input/Output Connectors	SMA-Female			
Weight	30g			
Surface Finishing	Gray Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances $\pm 0.5 [0.02]$