

**TMDC-10001500-6S20 10-15 GHz, 6dB, 20W, SMA Female**

**FEATURES**

- ❖ Band Operation 10-15 GHz
- ❖ Power Handle Capability up to 20W
- ❖ 6 dB Typical Coupling
- ❖ Low Insertion Loss

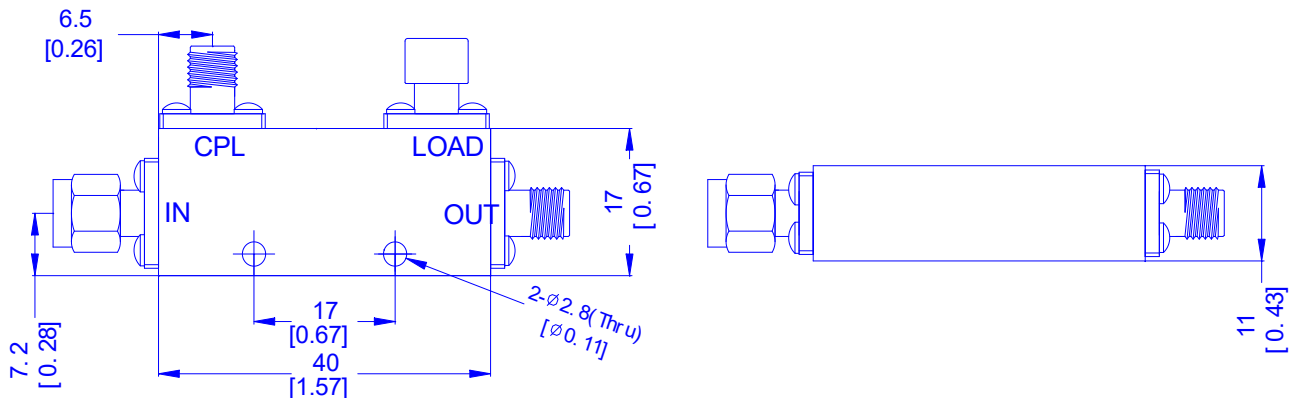
**APPLICATIONS**

- ❖ 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	10	-	15	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	5.3	6	6.7	dB
Frequency Sensitivity	-	-	±0.6	dB
Directivity	15	-	-	dB
Insertion Loss(Excluding coupling loss)	-	-	0.7	dB
VSWR Primary	-	1.18	1.4	:1
VSWR Secondary	-	1.18	1.4	:1
Average Power	20			W
Operating Temperature	-55°C~+85°C			
Storage Temperature	-50°C~+105°C			
Input/Output Connectors	SMA male/female			
Weight	35g			
Surface Finishing	Black Paint			
Material	Aluminum			

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



Tolerances ±0.5[0.02]