

TMDC-50006500-20V5 50-65 GHz, 20dB, 5W, 1.85mm Female

FEATURES

- ❖ Wide Band Operation 50-65 GHz
- ❖ Power Handle Capability up to 5W
- ❖ 20 dB Typical Coupling
- ❖ Low Insertion Loss

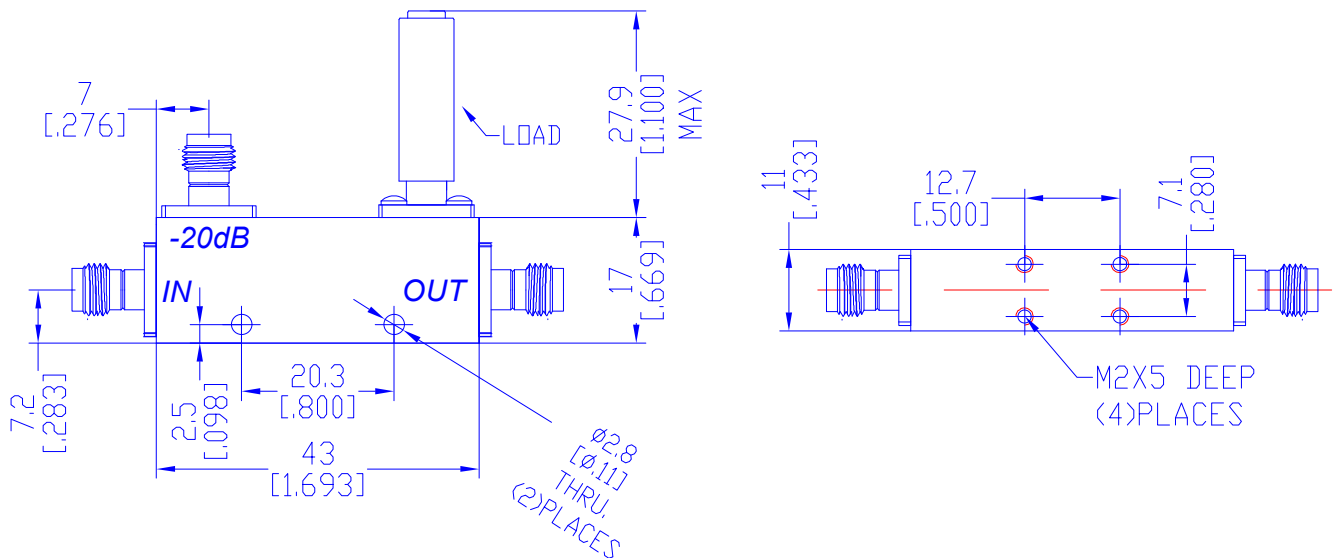
APPLICATIONS

- ❖ 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	50	-	65	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	18.8	20	21.2	dB
Frequency Sensitivity	-	-	±1.5	dB
Directivity	6	-	-	dB
Insertion Loss(Excluding coupling loss 0.04dB)	-	-	2.6	dB
VSWR Primary	-	-	2.0	:1
VSWR Secondary	-	-	2.2	:1
Power Handling	Incident	-	5	W
	Reflected	-	0.5	W
Operating Temperature	-55	-	+85	°C
Input/Output Connectors	1.85mm-Female			
Connector Body	Passivated Stainless Steel			
Size	43mm×17mm×11mm			
Weight	30g			
Surface Finishing	Black/Blue Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]