

TMDC-27003100-20K20 27-31 GHz, 20dB, 20W, 2.92mm Female

FEATURES

- ❖ Wide Band Operation 27-31 GHz
- ❖ Power Handle Capability up to 20W
- ❖ 20 dB Typical Coupling
- ❖ Low Insertion Loss

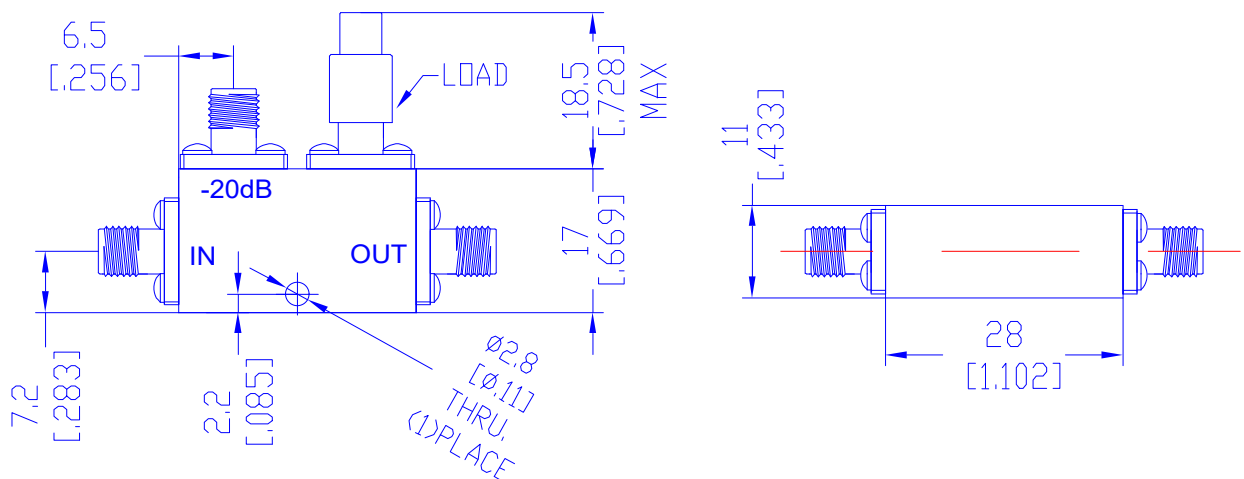
APPLICATIONS

- ❖ 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	27	-	31	GHz
Impedance	-	50	-	Ohms
Nominal Coupling	19.5	20	20.5	dB
Frequency Sensitivity	-	-	±0.5	dB
Directivity	12	-	-	dB
Insertion Loss(Excluding coupling loss 0.04dB)	-	-	0.8	dB
VSWR Primary	-	-	1.5	:1
VSWR Secondary	-	-	1.5	:1
Power Handling	Incident	-	20	W
	Reflected	-	2	W
Operating Temperature	-55	-	+85	°C
Input/Output Connectors	2.92mm-Female			
Connector Body	Passivated Stainless Steel			
Size	28mm×17mm×11mm			
Weight	30g			
Surface Finishing	Black/Blue Paint			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]