

TMDC-00504000-30K20 0.5-40 GHz, 30dB, 20W, 2.92mm Female

FEATURES

- ❖ Wide Band Operation 0.5-40 GHz
- ❖ Power Handle Capability up to 20W
- ❖ 30 dB Typical Coupling
- ❖ Low Insertion Loss

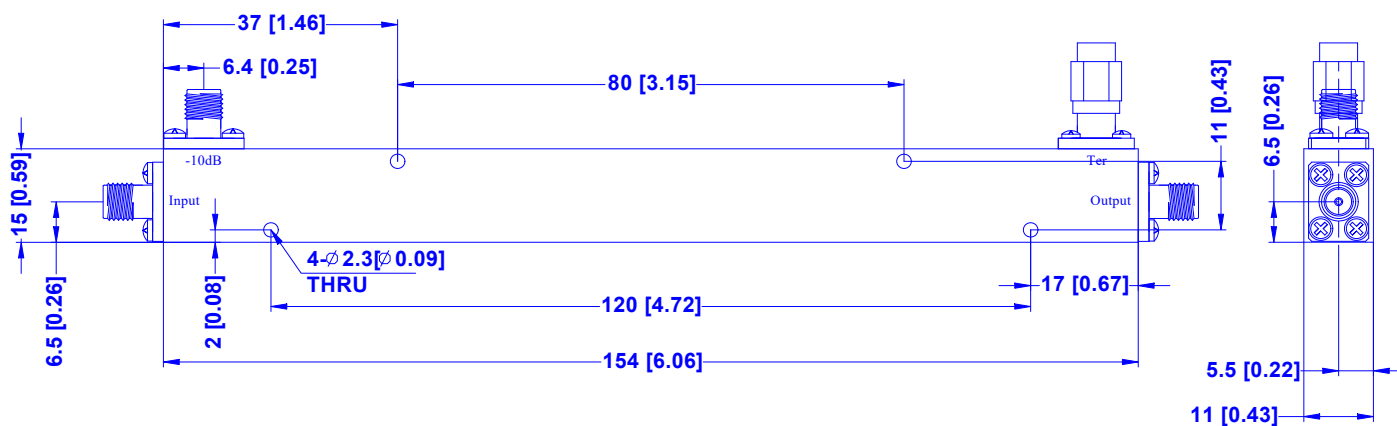
APPLICATIONS

- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	0.5	-	18	18	-	40	GHz
Impedance	-	50	-	-	50	-	Ohms
Nominal Coupling	28.5	30	31.5	28.5	30	31.5	dB
Frequency Sensitivity	-	±0.7	±1.0	-	±0.7	±1.0	dB
Directivity	10	12	-	8	10	-	dB
Insertion Loss(Excluding Coupling)	-	-	1.8	-	-	3.0	dB
Insertion Loss(True)	-	1.5	1.8	-	2.8	3.0	dB
VSWR Primary	-	1.4	1.5	-	1.6	1.7	:1
VSWR Secondary	-	1.4	1.5	-	1.6	1.7	:1
Average Power	20						W
Peak Power	200(10% Duty Cycle, 1μs Pulse Width)						W
Operating Temperature	-40°C~+85°C						
Storage Temperature	-50°C~+105°C						
Input/Output Connectors	2.92mm female						
Weight	100g max						
Surface Finishing	Gray Plated						
Material	Aluminum						

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]