

**TMHC90-18004000-30K 18-40 GHz, 30W, 2.92mm Female**

**FEATURES**

- ❖ Wide Band Operation 18-40 GHz
- ❖ Power Handle Capability up to 30W
- ❖ High Isolation Across Operational Band
- ❖ Low Insertion Loss
- ❖ Stable Performance Over Temperature

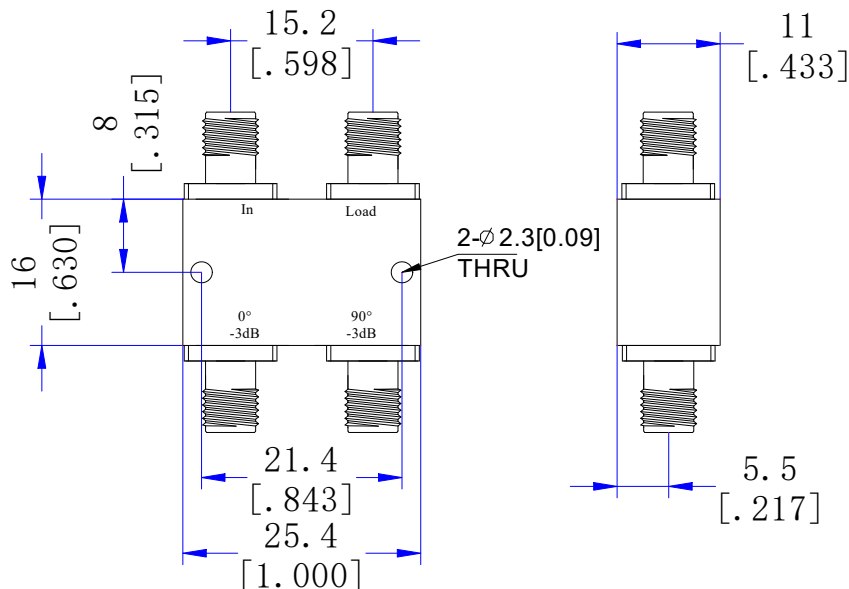
**APPLICATIONS**

- ❖ Commercial Wireless Communications
- ❖ Radar Systems
- ❖ Receivers Systems
- ❖ Antenna Beam Forming
- ❖ Test Labs

**SPECIFICATIONS**

Parameters	Min.	Typ.	Max.	Units
Frequency Range	18	-	40	GHz
Impedance	-	50	-	Ohms
Nominal Split	-	3.01	-	dB
Insertion Loss	-	-	2.2	dB
Directivity	12	-	-	dB
Amplitude Balance	-	-	±0.7	dB
Phase Balance	-	-	±10	Deg
Primary VSWR	-	-	1.8	:1
Secondary VSWR	-	-	1.8	:1
Average Power	-	-	30	W
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	2.92mm female			
Weight	30g			
Surface Finishing	Black Paint			
Material	Aluminum			

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



Tolerances ±0.5[0.02]