



# TMHC90-11001250-50S 11.0-12.5 GHz, 50W, SMA Female

#### **FEATURES**

- ❖ Wide Band Operation 11-12.5 GHz
- ❖ Power Handle Capability up to 50W
- ♣ High Isolation Across Operational Band
- ❖ Low Insertion Loss
- ❖ Stable Performance Over Temperature

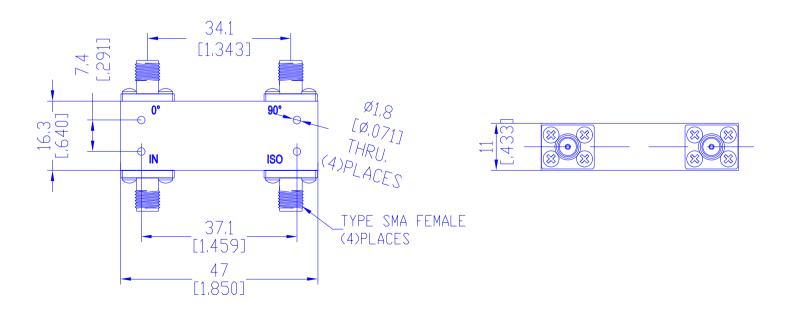
### **APPLICATIONS**

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

### **SPECIFICATIONS**

Parameters	Min.	Тур.	Max.	Units
Frequency Range	11	-	12.5	GHz
Impedance	-	50	-	Ohms
Nominal Split	-	3.01	-	dB
Insertion Loss	-	-	1.2	dB
Isolation	20	-	-	dB
Amplitude Balance	-	-	±0.5	dB
Phase Balance	-	-	±5	Deg
VSWR	-	-	1.4	:1
Average Power	-	-	50	W
Peak Power	-	-	1	kW
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	SMA female			
Weight	30g			
Surface Finishing	Black/Blue Paint			
Material	Aluminum			

## Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]