

**TM1040 50Ω 10W DC~42GHz**  
**2.92mm High Performance 50Ohm Stainless Steel Terminator**



Ver A/0 Release Date March, 2018

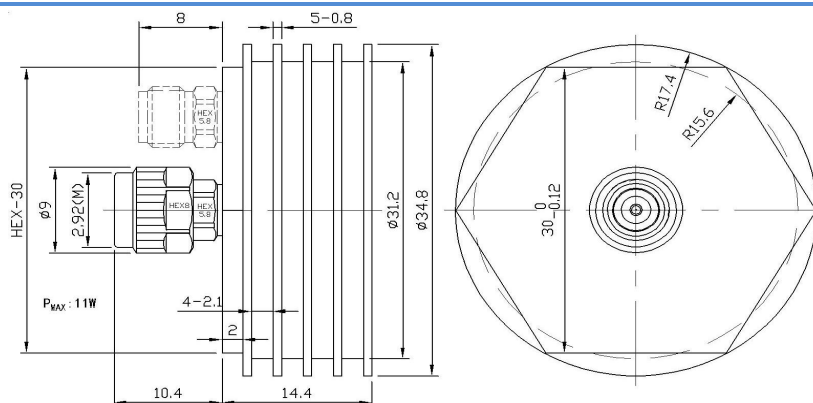
P/N:TM1040

**Features**

- DC~42GHz Frequency Range
- Max Power 11W
- VSWR < 1.38 < 1.26 < 1.18 < 1.13  
C-Class B-Class A-Class S-Class

**Applications**

- Miniature Size
- 2.92mm Interfaces
- Wireless
- Radar System
- Commercial and Military
- Test and Measurement
- Communication
- Satcom



**Mechanical & Environmental Specifications**

Outer Conductor Coupling Nut	Passivated Stainless Steel	Temp. Range	Storage	-55℃~125℃
Radiator	Black Anodized Aluminum Heatsink	Working Temp.		-55℃~100℃
Inner Conductor Male	Beryllium Copper Gold plated( $\geq 1.27\mu m$ )	Altitude	Storage	< 15300 Meters
Female	Beryllium Copper Gold plated( $\geq 1.27\mu m$ )	Working Temp.		< 4800 Meters
Weight	35 g			

**Electrical Specifications**

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM1040-C	DC~40GHz	< 1.38	-15.9
TM1040-B	DC~40GHz	< 1.26	-18.8
TM1040-A	DC~40GHz	< 1.18	-21.7
TM1040-S	DC~40GHz	< 1.13	-24.3

C,B,A,S are average power of performance level.Average power: Max power 10W corresponding ambient temperature is 25℃,Power derates linearly to 1W.When temperature is up to.PEAK power: Max power 200W (Maximum 5  $\mu s$  pulse, maximum 3% duty cycle)  
Working time: no air cooling,  $\leq 10$  minutes; with air cooling, air volume  $\geq 5$ CFM, long-term work