

TM3040 50Ω 30W DC~42GHz
2.92mm High Performance 50Ohm Stainless Steel Terminator



Ver A/0 Release Date March, 2018

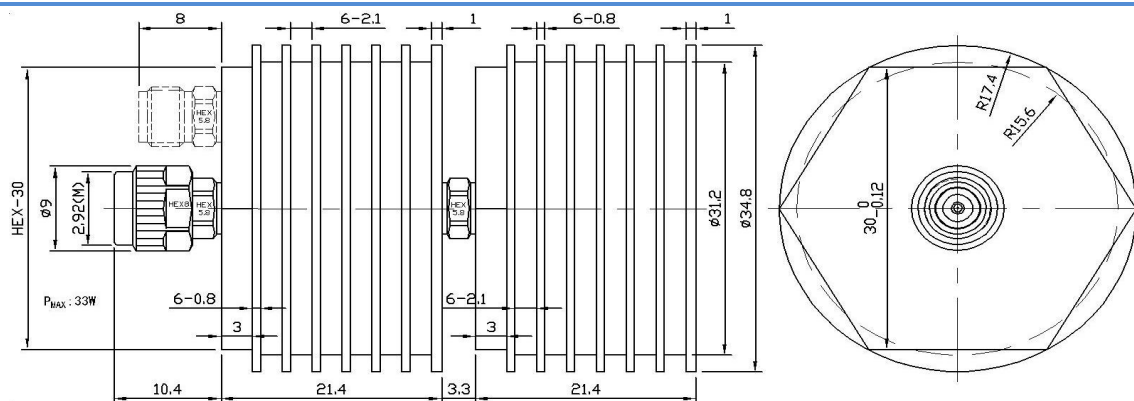
P/N:TM3040

Features

- DC~42GHz Frequency Range
- Max Power 33W
- VSWR < 1.45 < 1.30 < 1.20 < 1.14
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°C~125°C
Radiator	Black Anodized Aluminum Heatsink	Working Temp.		-55°C~100°C
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	100 g			

Electrical Specifications

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM3040-C	DC~40GHz	< 1.45	-14.7
TM3040-B	DC~40GHz	< 1.30	-17.7
TM3040-A	DC~40GHz	< 1.20	-20.8
TM3040-S	DC~40GHz	< 1.14	-23.7

C,B,A,S are average power of performance level. Average power:Max power 30W corresponding ambient temperature is 25°C,Power derates linearly to 3W.When temperature is up to 100°C.Peak power: Max power 200W (Maximum 5 μs pulse, maximum 7% duty cycle)
 Working time: no air cooling, ≤ 5 minutes; with air cooling, air volume $\geq 15CFM$, long-term work