

TM0540 50Ω 5W DC~42GHz
2.92mm High Performance 50Ohm Stainless Steel Terminator



Ver A/0 Release Date March, 2018

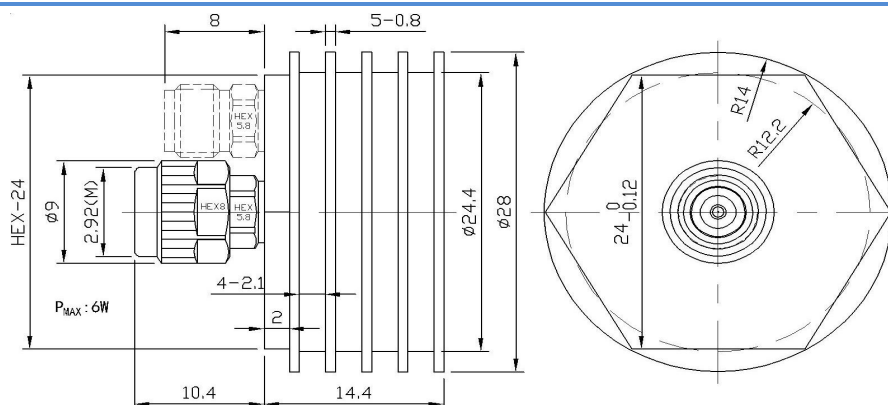
P/N:TM0540

Features

- DC~42GHz Frequency Range
- Max Power 6W
- VSWR < 1.38 < 1.26 < 1.18 < 1.12
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	22 g			

Electrical Specifications

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM0540-C	DC~40GHz	< 1.38	-15.9
TM0540-B	DC~40GHz	< 1.26	-18.8
TM0540-A	DC~40GHz	< 1.18	-21.7
TM0540-S	DC~40GHz	< 1.12	-24.9

C,B,A,S are average power of performance level.Average power:: Max power 5W corresponding ambient temperature is 25°C,Power derates linearly to 1W.When temperature is up to.Peak power: Max power 200W (Maximum 5 μs pulse, maximum 2% duty cycle)

Working time: no air cooling, ≤ 10 minutes; with air cooling, air volume $\geq 3CFM$, long-term work