

TM4540 50Ω 45W DC~42GHz
2.92mm High Performance 50Ohm Stainless Steel Terminator



Ver A/0 Release Date March, 2018

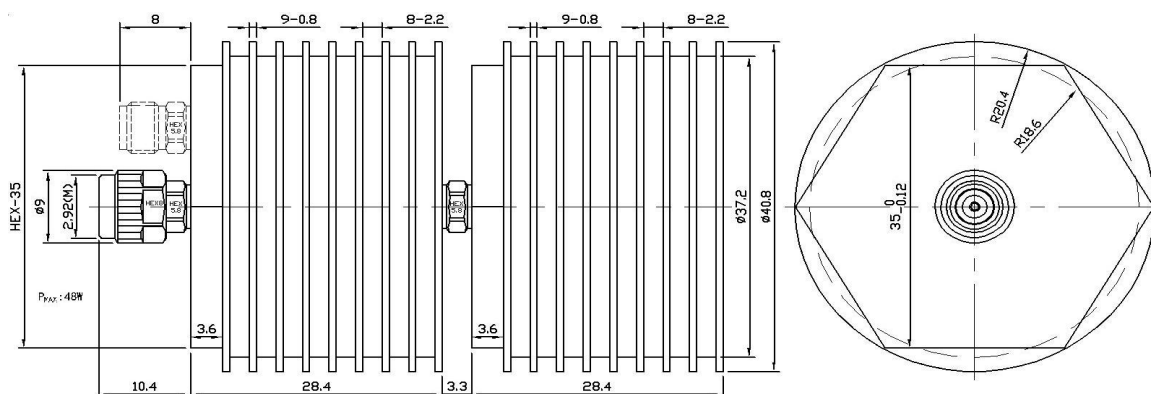
P/N:TM4540

Features

- DC~42GHz Frequency Range
- Max Power 48W
- VSWR < 1.58 < 1.38 < 1.26 < 1.18
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	180 g			

Electrical Specifications

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM4540-C	DC~40GHz	< 1.58	-13.0
TM4540-B	DC~40GHz	< 1.38	-15.9
TM4540-A	DC~40GHz	< 1.26	-18.8
TM4540-S	DC~40GHz	< 1.18	-21.7

C,B,A,S are average power of performance level. Average power:Max power 45W corresponding ambient temperature is 25℃,Power derates linearly to 4.5W.When temperature is up to 100℃.Peak power: Max power 200W (Maximum 5 μs pulse, maximum 10% duty cycle Working time: no air cooling, ≤ 5 minutes; with air cooling, air volume $\geq 25CFM$, long-term work