

**TM2540 50Ω 25W DC~42GHz**  
**2.92mm High Performance 50Ohm Stainless Steel Terminator**



Ver A/0 Release Date March, 2018

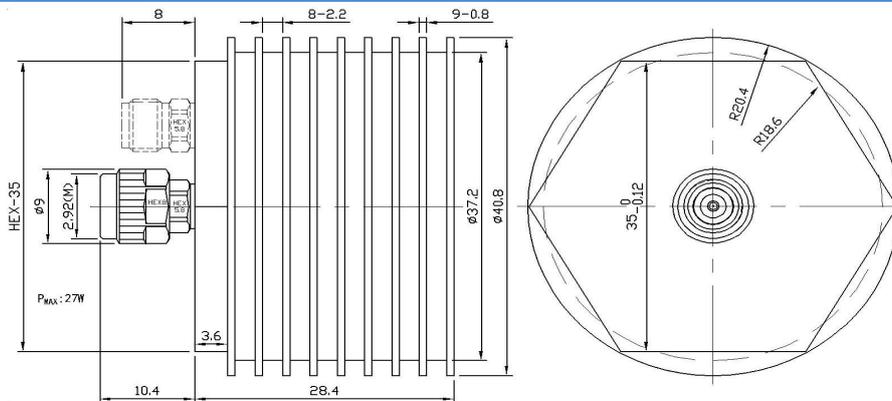
P/N:TM2540

**Features**

- DC~42GHz Frequency Range
- Max Power 27W
- 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		Working Temp.	-55°C~100°C
Inner Conductor	Male	Beryllium Copper Gold plated(≥ 1.27μ m)	Altitude	Storage	< 15300 Meters
	Female	Beryllium Copper Gold plated(≥ 1.27μ m)		Working Temp.	< 4800 Meters
Weight		90 g			

**Electrical Specifications**

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM2540-C	DC~40GHz	< 1.45	-14.7
TM2540-B	DC~40GHz	< 1.30	-17.7
TM2540-A	DC~40GHz	< 1.20	-20.8
TM2540-S	DC~40GHz	< 1.14	-23.7

C,B,A,S are average power of performance level. Average power:Max power 25W corresponding ambient temperature is 25°C,Power derates linearly to 2.5W.When temperature is up to 100°C.Peak power: Max power 200W (Maximum 5 μ s pulse, maximum 6% duty cycle) Working time: no air cooling, ≤ 5 minutes; with air cooling, air volume ≥ 13CFM, long-term work