

TM6040 50Ω 60W DC~42GHz
2.92mm High Performance 50Ohm Stainless Steel Terminator



Ver A/0 Release Date March, 2018

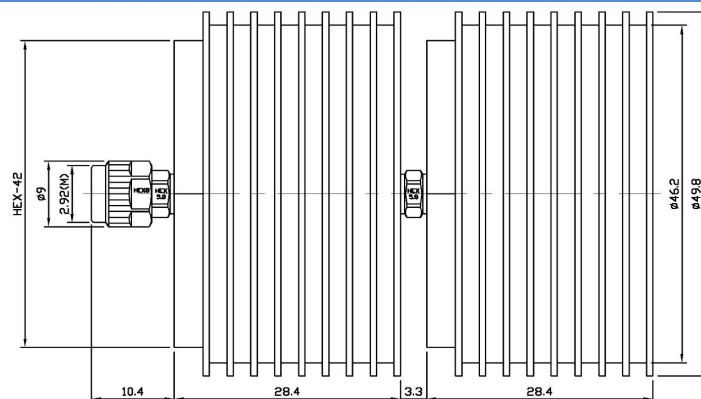
P/N:TM6040

Features

- DC~42GHz Frequency Range
- Max Power 60W
- 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	300 g			

Electrical Specifications

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM6040-C	DC~40GHz	< 1.58	-13.0
TM6040-B	DC~40GHz	< 1.38	-15.9
TM6040-A	DC~40GHz	< 1.26	-18.8
TM6040-S	DC~40GHz	< 1.18	-21.7

C,B,A,S are average power of performance level. Average power:Max power 50W corresponding ambient temperature is 25℃,Power derates linearly to 10W.When temperature is up to 100℃.Peak power: Max power 500W (Maximum 5 μs pulse, maximum 8% duty cycle)
 Working time: no air cooling, ≤ 5 minutes; with air cooling, air volume $\geq 30CFM$, long-term work