

TM1365 50Ω 13W DC~69GHz
1.85mm High Performance 50Ohm Stainless Steel Terminator



Ver A/0 Release Date March, 2018

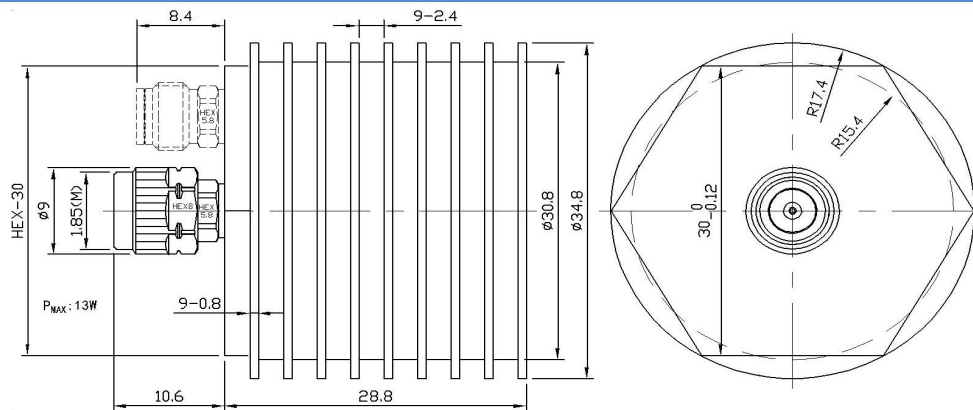
P/N:TM1365

Features

- DC~69GHz Frequency Range
- Max Power 13W
- VSWR < 1.78 < 1.58 < 1.38 < 1.26
C-Class B-Class A-Class S-Class

Applications

- Miniature Size
- 1.85mm 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℃
Body	Black Anodized Aluminum Heatsink		Working Temp.	-55℃~100℃
Inner Conductor Male	Beryllium Copper Gold plated($\geq 1.27\mu\text{m}$)	Altitude	Storage	< 15300 Meters
Female	Beryllium Copper Gold plated($\geq 1.27\mu\text{m}$)		Working Temp.	< 4800 Meters
Weight	65 g			

Electrical Specifications

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM1365-C	DC~67GHz	< 1.78	-11.0
TM1365-B	DC~67GHz	< 1.58	-13.0
TM1365-A	DC~67GHz	< 1.38	-15.9
TM1365-S	DC~67GHz	< 1.26	-18.8

C,B,A,S are performance level. Max frequency is 69.5GHz. Average power: Max power 13W corresponding ambient temp. is 25℃. Power derates linearly to 1.5W when temperature is up to 100℃. Peak power: Max power 50W (Maximum 5 μs pulse, maximum 8% duty cycle) Working time: no air cooling, ≤ 5 minutes; Reused after cooling to below 30℃ with air cooling, air volume $\geq 7\text{CFM}$, long-term work

Remark:a.dimension mm, tol. $\pm 1\%$. b.100% test. c.Customized according to customer requestments