

TM0565 50Ω 5W DC~69GHz
1.85mm High Performance 50Ohm Stainless Steel Terminator



Ver A/0 Release Date March, 2018

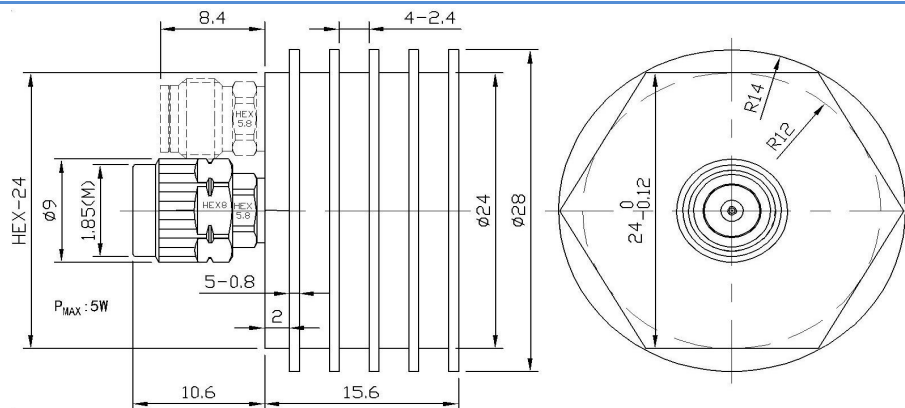
P/N:TM0565

Features

- DC~69GHz Frequency Range
- Max Power 5W
- VSWR < 1.60 < 1.45 < 1.30 < 1.20
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

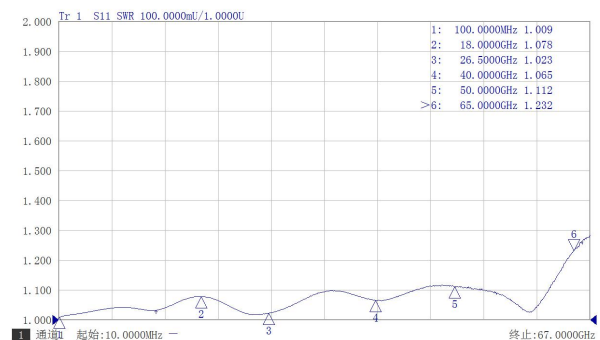
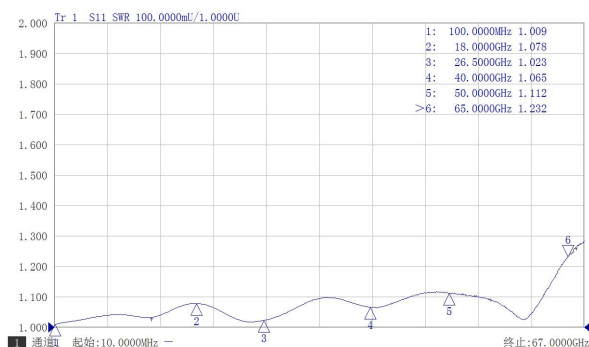
Outer Conductor Coupling Nut	Passivated Stainless Steel	Temp. Range	Storage	-55°C~125°C
Body	Black Anodized Aluminum Heatsink	Working Temp.		-55°C~100°C
Inner Conductor Male	Beryllium Copper Gold plated ($\geq 1.27\mu\text{m}$)	Altitude	Storage	< 15300 Meters
Female	Beryllium Copper Gold plated ($\geq 1.27\mu\text{m}$)	Working Temp.		< 4800 Meters
Weight	25 g			

Electrical Specifications

Model	Frequency Range (GHz)	VSWR (:1)	Return Loss (dB)
TM0565-C	DC~67GHz	< 1.60	-12.7
TM0565-B	DC~67GHz	< 1.45	-14.7
TM0565-A	DC~67GHz	< 1.30	-17.7
TM0565-S	DC~67GHz	< 1.20	-20.8

C,B,A,S are performance level. Max frequency is 69.5GHz. Average power: Max power 5W corresponding ambient temp. is 25°C. Power derates linearly to 0.5W when temperature is up to 100°C. Peak power: Max power 50W (Maximum 5μs pulse, maximum 4% duty cycle) Working time: no air cooling, ≤ 5 minutes; Reused after cooling to below 30 °C with air cooling, air volume ≥ 3CFM, long-term work

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



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