

TM0250 50Ω 2W DC~52GHz
2.4mm High Performance 50Ohm Stainless Steel Terminator



Ver A/0 Release Date March, 2018

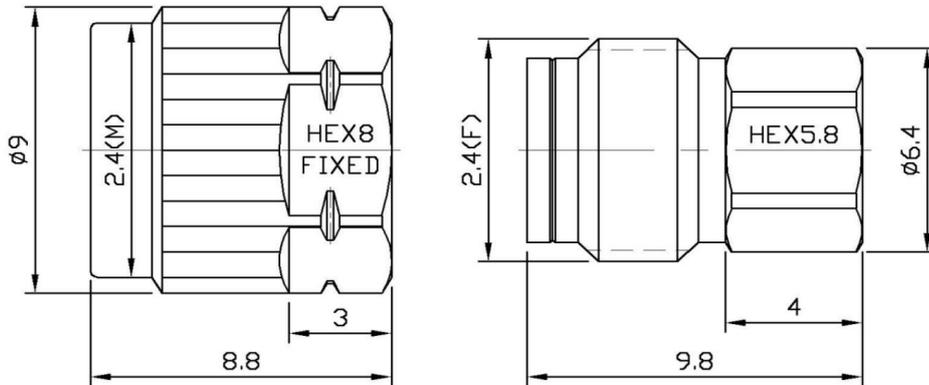
P/N:TM0250

Features

- DC~52GHz Frequency Range
- Max Power 2W
- VSWR < 1.38 < 1.26 < 1.18 < 1.12
C-Class B-Class A-Class S-Class

Applications

- Miniature Size
- 2.4mm 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	Passivated Stainless Steel		Working Temp.	-55℃~100℃
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	3 g			

Electrical Specifications

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM0250-C	DC~50GHz	< 1.38	-15.9
TM0250-B	DC~50GHz	< 1.26	-18.8
TM0250-A	DC~50GHz	< 1.18	-21.7
TM0250-S	DC~50GHz	< 1.12	-24.9

C,B,A,S are performance level.Max frequency is 52.5GHz.Average power:Max power 2W corresponding ambient temp. is 25℃,Power derates linearly to 0.3W when temperature is up to 100℃.Peak power: Max power 100W (Maximum 5 μ s pulse, maximum 1% duty cycle)

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