

**TM0240 50Ω 2W DC~42GHz**  
**2.92mm High Performance 50Ohm Stainless Steel Terminator**



Ver A/0 Release Date March, 2018

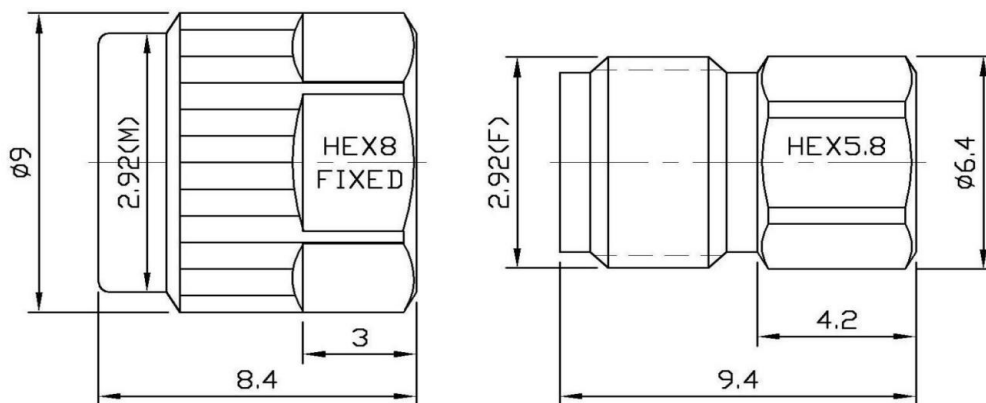
P/N:0240

**Features**

- DC~42GHz Frequency Range
- Max Power 2.5W
- VSWR < 1.34 < 1.23 < 1.16 < 1.11  
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**

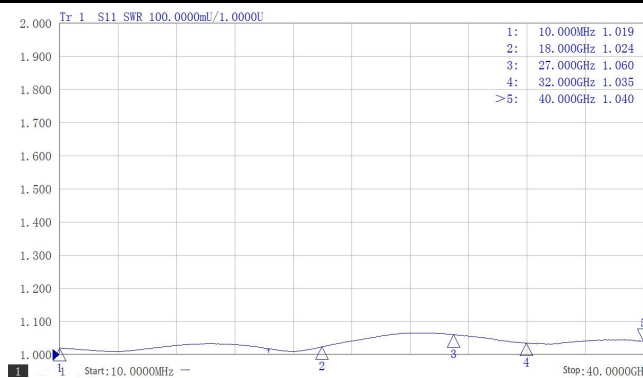
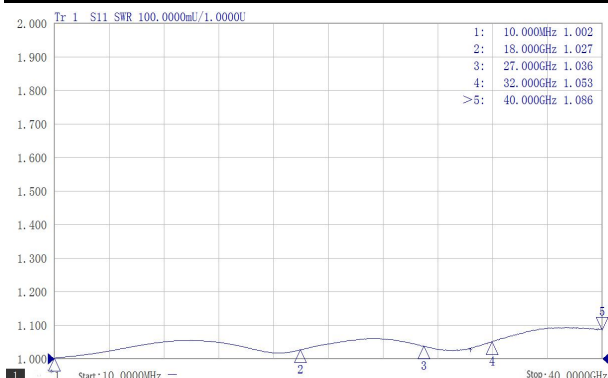
Outer Conductor Coupling Nut	Passivated Stainless Steel	Temp. Range	Storage	-55°C~125°C
Body	Passivated Stainless Steel	Working Temp.		-55°C~100°C
Inner Conductor Male	Beryllium Copper Gold plated( $\geq 1.27\mu\text{m}$ )	Altitude	Storage	< 15300 Meters
Female	Beryllium Copper Gold plated( $\geq 1.27\mu\text{m}$ )	Working Temp.		< 4800 Meters
Weight	2.5 g			

**Electrical Specifications**

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM0240-C	DC~40GHz	< 1.34	-16.8
TM0240-B	DC~40GHz	< 1.23	-19.7
TM0240-A	DC~40GHz	< 1.16	-22.6
TM0240-S	DC~40GHz	< 1.11	-25.7

C,B,A,S are average power of performance level.Average power:Max power 2W corresponding ambient temperature is 25°C,Power derates linearly to 0.5W when temperature is up to 100°C.Peak power: Max power 2.5W (Maximum 5  $\mu\text{s}$  pulse, maximum 1% duty cycle)

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



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