

TM0530 50Ω 5W DC~30GHz
SMA High Performance 50Ohm Stainless Steel Terminator



Ver A/0 Release Date March, 2018

P/N:TM0530

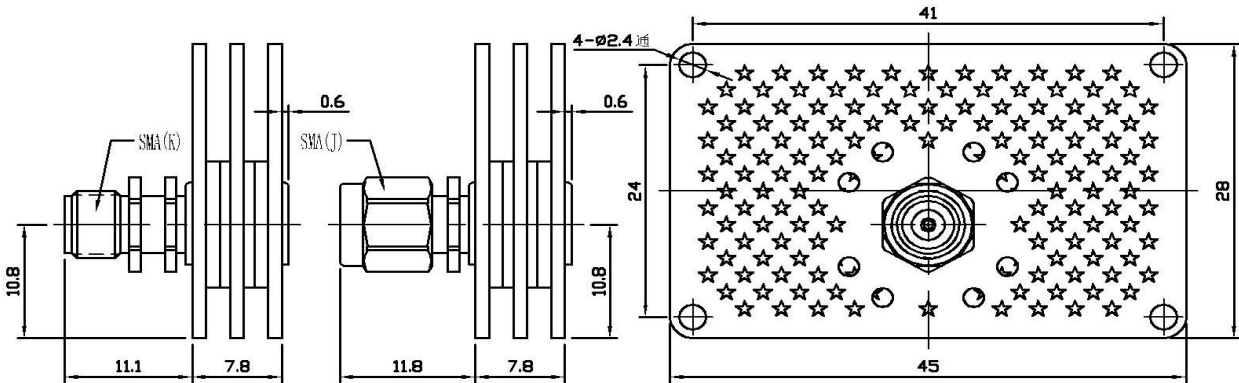
Features

- DC~30GHz Frequency Range
- Max Power 6W
- VSWR < 1.20

- Miniature Size
- SMA Interfaces

Applications

- 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	20 g			

Electrical Specifications

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM0530	DC~30GHz	< 1.20	-24.7

Average power:Max power 5W corresponding ambient temperature is 25℃,Power derates linearly to 0.5W when temperature is up to 100℃.Peak power: Max power 250W (Maximum 5 μs pulse, maximum 2% duty cycle)
Remark:a.dimension mm, tol. $\pm 1\%$. b.100% test. c.Customized according to customer requestments