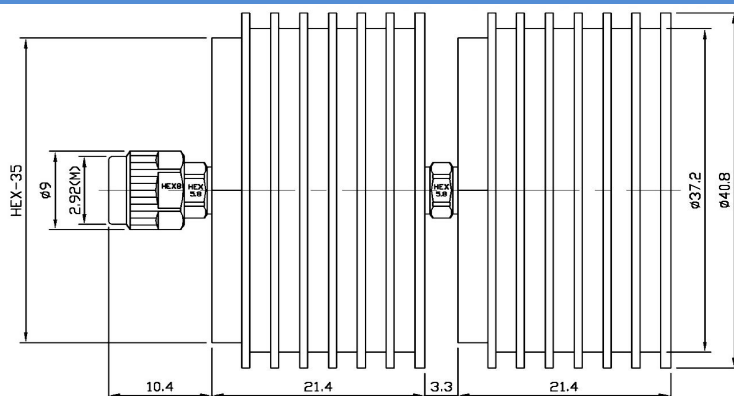




P/N:TM4040

## Applications

- |   |   |   |   |
|---|---|---|---|
| <ul style="list-style-type: none"> <li>• DC~42GHz Frequency Range</li> <li>• Max Power 43W</li> <li>• VSWR <ul style="list-style-type: none"> <li>&lt; 1.58 C-Class</li> <li>&lt; 1.38 B-Class</li> <li>&lt; 1.26 A-Class</li> <li>&lt; 1.18 S-Class</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Miniature Size</li> <li>• 2.92mm Interfaces</li> </ul> | <ul style="list-style-type: none"> <li>• Wireless</li> <li>• Radar System</li> <li>• Commercial and Military</li> <li>• Test and Measurement</li> </ul> | <ul style="list-style-type: none"> <li>• Communication</li> <li>• Satcom</li> </ul> |
|---|---|---|---|



Outer Conductor	Coupling Nut	Passivated Stainless Steel	Temp. Range	Storage	-55°C~125°C
	Radiator	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		150 g			

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM4040-C	DC~40GHz	< 1.58	-13.0
TM4040-B	DC~40GHz	< 1.38	-15.9
TM4040-A	DC~40GHz	< 1.26	-18.8
TM4040-S	DC~40GHz	< 1.18	-21.7

C,B,A,S are average power of performance level. Average power:Max power 40W corresponding ambient temperature is 25°C,Power derates linearly to 4W.When temperature is up to 100°C.Peak power: Max power 200W (Maximum 5  $\mu$ s pulse, maximum 9% duty cycle)  
Working time: no air cooling,  $\leq$  5 minutes; with air cooling, air volume  $\geq$  20CFM, long-term work

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