

DC to 12.4 GHz, 10 W, SMA Termination

DLSM-5010-12

**ELECTRICAL SPECIFICATIONS:**

Frequency range	DC – 12.4 GHz
Impedance	50 Ω
VSWR	≤1.25
Input AVG power	10 W @ 25 °C ambient
Power derating	Linear to 1 W at 100 °C
Peak power	500 W (5 μs pulse, 1% duty cycle)

**MECHANICAL SPECIFICATIONS**

Interface	SMA
Gender	Male
Standard	MIL-STD-348A
Weight	~15 g

**MATERIAL SPECIFICATIONS**

COMPONENT	MATERIAL	FINISHING
Connector	Stainless steel	Passivated
Center contact	Brass	Gold
Insulator	PTFE	-
Heatsink	Aluminium	Black anodized

**ENVIRONMENTAL SPECIFICATIONS**

Op. temperature	-55 / +100 °C
Storage temperature	-55 / +125 °C
RoHS	Compliant (2011/65/EU   RoHS 3)
REACH	Compliant (EC 1907/2006)

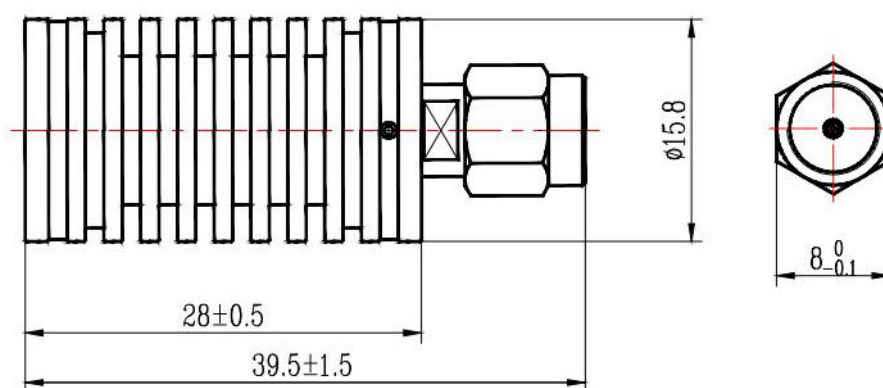


**KEY FEATURES**

- DC to 12.4 GHz Wideband Operation
- Excellent Impedance Matching
- Stable RF Performance Across Full Band
- 1-year Standard Warranty



**DRAWING** unit: mm



**Notes:**

1. Custom mechanical configurations and enhanced VSWR performance are available upon request.
2. For optimal electrical performance and reliability, forced-air cooling is recommended to maintain the case temperature below 85 °C.