

4 3 2 1

**Material & Finish:**

- 1 Body: Brass, Albaloy plated
- 2 Center contact: Phosphor bronze, Gold plated
- 3 Insulator: PTFE
- 4 Coupling nut: Brass, Albaloy plated
- 5 Gasket: Silicone rubber
- 6 Retaining ring: Phosphor bronze, Unplated
- 7 Radiator: Aluminium, Black

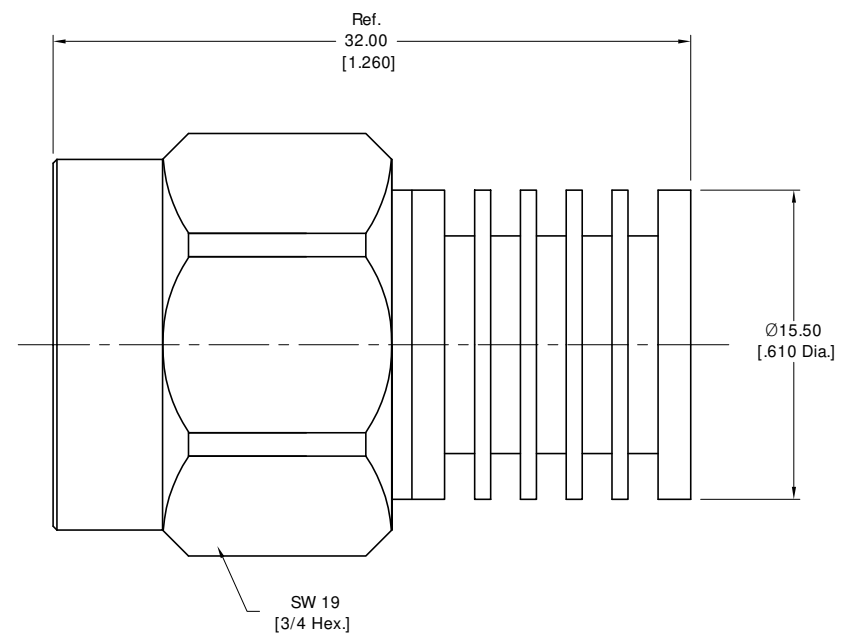
**Electrical data:**

- 1 Impedance: 50 Ω
- 2 Frequency range: DC~11 GHz
- 3 VSWR: 1.15 max. at DC-6 GHz  
1.25 max. at 6~11 GHz
- 4 Average power: 5 watts average to 25°C ambient temperatrue, derated linearly to 0.5 w @ 125°C
- 5 Peak power: 500 w (5μs pluse width with 1% duty cycle)

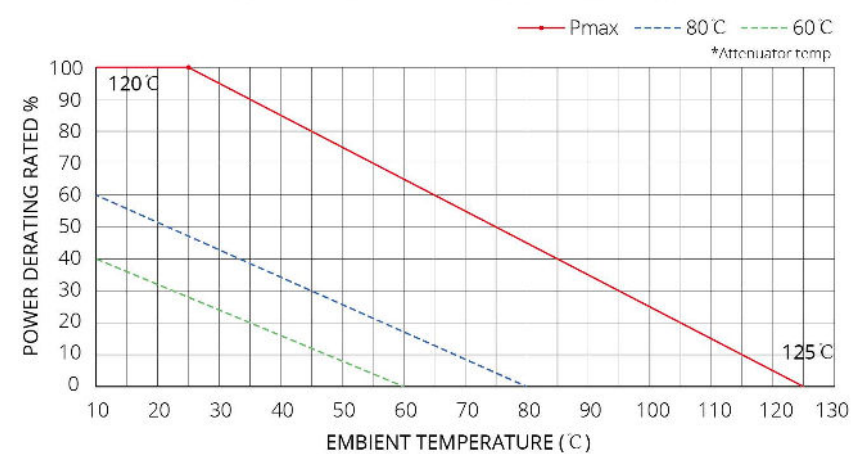
**Environmental data:**

- 1 Temperature range: -55°C~+125°C
- 2 2011/65/EU (ROHs) and 2015/863/(ROHs): compliant
- 3 1907/2006/EC(REACH): compliant
- 4 Ingree protection: IPX7 when mated

Revisions			
Rev.	Description	Date	Approved
A	Initial release	04/22/26	J Q



POWER DERATING CURVE VS AMBIENT TEMPERATURE



Note: Specifications are subject to change without notice.  
Contact us for the latest data before finalizing your design.

Drawn	X. Y	Date	04/22/26
Checked	W. Y	Date	04/22/26
Approved	J Q	Date	04/22/26
Unless otherwise specified dimensions are in millimeters, dimensions in [ ] are in inches for customer reference only unless otherwise specified tolerance are:		These drawings and specifications are the property of anoisn electronics ltd and should not be used without written permission copyright © 2026 anoisn electronics ltd	
.XX	±0.13 [.005"]		
.X	±0.20 [.008"]		
X	±0.50 [.019"]		
.X°	±1°		
X°	±2°		

**Title**  
Coaxial termination, type Smaile, 5 watts, DC~11 GHz

**Part no.**  
ANO 751-185

<b>View</b>		<b>Size</b>	<b>Scale</b>	<b>Sheet</b>	<b>REV.</b>
		A3	4:1	1/1	A

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