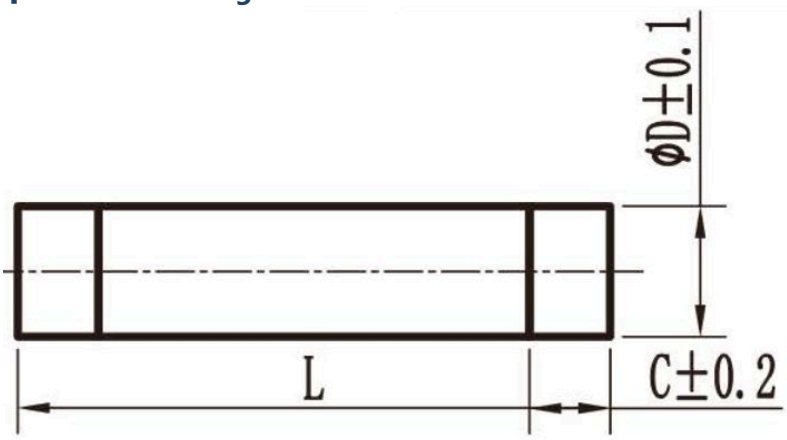
RI33 High Frequency Resistors

Outline Drawing





J quality grade. Detail specification Q/RU 297-2005; generic specification GB/T 5729-2003. QB grade available.

Outline Dimensions • mm

Power W	C	L	ΦD
5	1	7.2±0.2	2.1
10	1.3	9.0±0.4	3.1
25	2.8	19±0.6	6.4
50	3.8	48.5±0.7	6.4

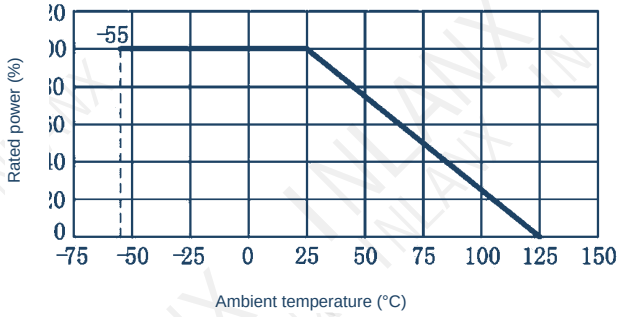
Electrical Specifications

Power W	Resistance	Tolerance	Frequency	VSWR	TCR ×10^-6/K
5	50 Ω	±2%, ±5%	DC~6 GHz	≤1.25	±300
10	50 Ω	±2%, ±5%	DC~6 GHz	≤1.25	±300
25	50 Ω	±2%, ±5%	DC~3 GHz	≤1.25	±300
50	50 Ω	±2%, ±5%	DC~3 GHz	≤1.25	±300

Main Inspection Items

Item	Requirement	Test method
Pulse load	ΔR≤±5%R	5Pr, 30 min, 10 kHz, 20 μs
Rapid temperature change	ΔR≤±2%R	-55 to 125°C, 3 cycles
Damp heat, steady	ΔR≤±5%R	RH90–95%, (40±2)°C, 96 h

Derating Curve



Ordering Information

RI33-5W-50Ω-J

Model / Power 5, 10, 25 or 50 W / Nominal resistance 50 Ω / G±2%, J±5%.