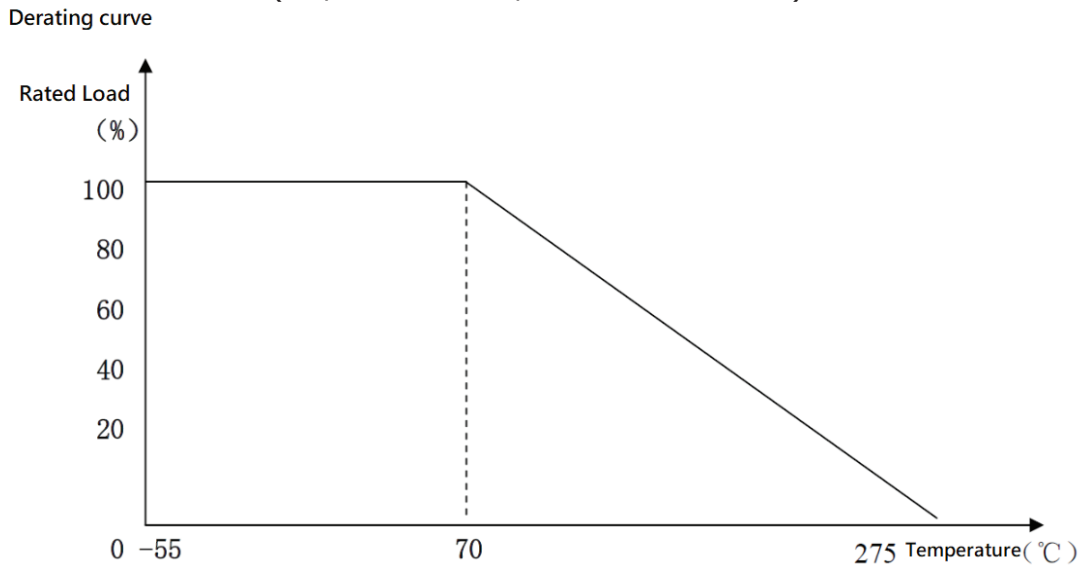




Precision Low Inductance Audio Grade Resistors

According to China National Standard
 Fixed resistors for use in electronic equipment - generic specification
 (GB/T5729-2003/IEC60115-1:2001)



When the ambient temperature rises from 70° C to 275° C, the resistor allows the load to be reduced from 100% of rated power to 0%

Characteristics

Test Item	Specifications	Test Method (GB/T529 IEC60115-1)
Solderability	Solder free flow	235° C ±5° C, 2s Slot welding
Terminal strength	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	$\leq 4.3W$ 10N, $\geq 6W$ 20N
Overload	$\Delta R \leq \pm (2\%R + 0.05\Omega)$	According 5 times rated power to the applied voltage for 5 seconds
Rapid change of temperature	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	$\theta A = -55^\circ C$, $\theta B = \pm 200^\circ C$, 5 times circle
Bump	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	390m/s ² , 4000 times
Shock	$\Delta R \leq \pm (2\%R + 0.05\Omega)$	490m/s ² , 11ms, 18 times
Vibrations	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	Frequency 10-500Hz, 98m/s ² , 6h
Temp—rise	<245° C	According rated power to the applied voltage.
Damp heat, steady state	$\Delta R \leq \pm (5\%R + 0.1\Omega)$	Temp. 40±2° C, 56h
Endurance at room temperature	$\Delta R \leq \pm (5\%R + 0.1\Omega)$	According rated power to the applied voltage for 1000h.