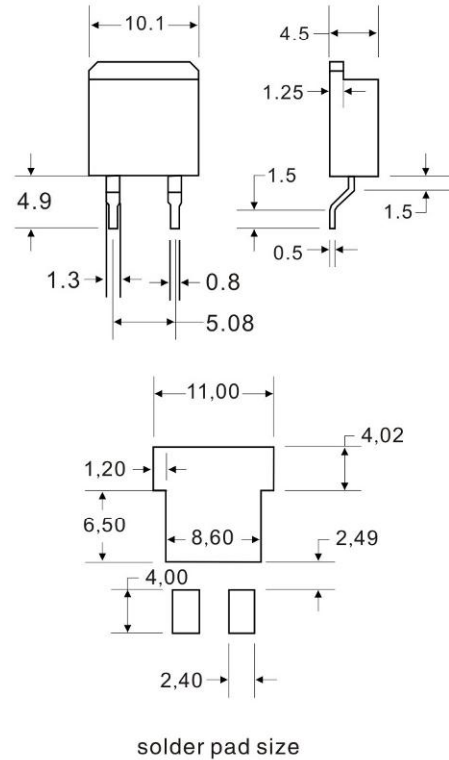


RTP35A power thick film resistors



Construction



Characteristics

- 0.5% Tolerance available
- High power rating
- Non inductive
- To-263 standard package
- Wide ohmic value range
- Easy mounting

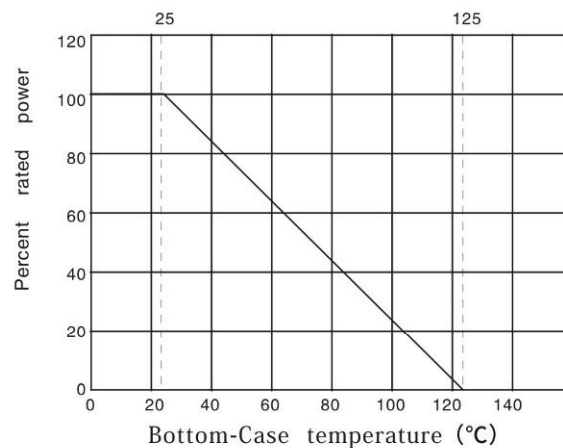
Technical Standard

GB/T5729-2003 Fixed Resistors for Electronic Equipment Part I: General Specification

Application Area

Automotive electronics, induction heating, power supply equipment, medical equipment, wind power generation and other power electronics industry

Derating Curve



RTP35A

power thick film resistors



■ Performance Characteristics

TYPE	RTP35A
Power rating(25°C)	35W
Thermal resistance	4.5°C/W
Resistance value range	0.1Ω – 1MΩ
Tolerance	± 0.5%; ± 1%; ± 5%
TCR	± 100ppm/°C; ± 250ppm/°C
MAX. Working voltage	350V
Dielectric Strength	1,800VAC
Temperature range	-55°C-125°C
Climatic category	55/125/56
Weight	1.6g Max

- Special specifications can be supplied in consultation with customers.
- The condition of the above power is needed to mount a heatsink if they has no heatsinks,the power only be 2.5W

■ Technical Data _General

TEST ITEM	SPECIFICATIONS	TEST METHOD GB/T5729-2003 IEC60115-1: 2001
Short time overload	1.5 times rated power 10s $\Delta R \pm (0.25\%R+0.05\Omega)$	4.13
Rapid temperature change	$\Delta R \leq \pm (0.25\%R+0.05\Omega)$	4.19
Temperature cycling	$\Delta R \leq \pm (1\%R+0.05\Omega)$	4.23
Humidity (steady States)	$\Delta R \leq \pm (1\%R+0.05\Omega)$	4.24
Load life	$\Delta R \leq \pm (1\%R+0.05\Omega)$	4.25.2