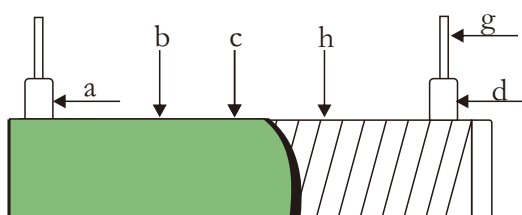




● Feature

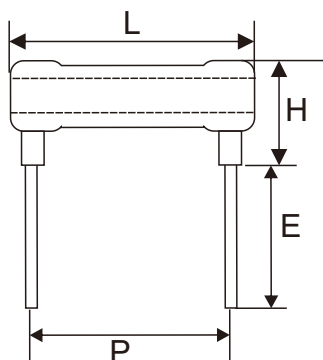
- I .Flame-resistant vitreous enamel or silicone-ceramic coatings.
- II .Used in harsh environment.
- III .RoHS compliant product.
- IV .Radial construction for direct insertion into pined circuit boards;fit standard 2.54mm matrix boards with standard 1.168mm diameter holes.Provides a built in stand-off to reduce board temperature.
- V .Space saving radial terminals reduce the total length requirement compared to axial terminal resistors and increase packaging density possibilities.

● Construction



a	Terminal block
b	Vitreous enamel or silicone-ceramic coatings.
c	Alloy wire
d	Alumina porcelain
e	Down-lead

● Dimensions



Type	Power (w)	Dimensions(mm)					
		$L \pm 1$	$H \pm 1$	$D \pm 0.5$	$E \pm 1$	$d \pm 0.05$	$P \pm 0.5$
RX58	3	11	11	7.5	6.5	0.8	8
	5.25	16	13	8.5	6.5	0.8	12.5

● Ordering Information

Example:

RX58	3W	10R0	J
(1)	(2)	(3)	(4)
Series Name	Power Rating	Resistance Value	Tolerance

(1)Type: RX58 SERIES

(2)Power Rating: 3=3W、 5.25=5.25W、

(3)Resistance Value:10R0=10R、 R10=0.1Ω、 47R0=47Ω

(4)Tolerance: J=± 5%

● Power And Resistance etc

Type	Power (W)	Pesistance.Range (Ω)	Tolerance	T C R	maximum voltage (V)
RX58	3	1~10K	± 5%(J)	260ppm/°C	103
	5.25	1~20K	± 10%(K)		187

Non-inductive design available, add "N" after the part number

Maximum Voltage is based on Ohm's Law $[U = \sqrt{P \cdot R}]$ as limited by the resistance value of specified product

● Peformance

Material Core:	Ceramic
Coating:	Vitreous enamel or silicone-ceramic coatings.
Terminals:	Solder coated radial.#20 ga.tinned terminals require 1.168mm holes(2).RoHS solder composition is 96% Sn,3.5% Ag,0.5% Cu
Derating:	Linearly from 100% @ +25°C to 0% @ +350°C
Nate:	Values above 3.9K(3W) and 8.2K(5W) involve very fine restance wire and should not be used in critical applications without burn-in and/or thermal cycling.
ElectricalTolerance:	± 5%(J)(other tolerances available
Power rating:	Based on 25°C free air rating
Overload:	(3watt:5 times rated wattage for 5 seconds.5.25 watt 10 times rated wattage for 5 seconds
Temperature coefficient	± 260ppm/°C
Max.amps:	To calculate,use the formula $\sqrt{P/R}$