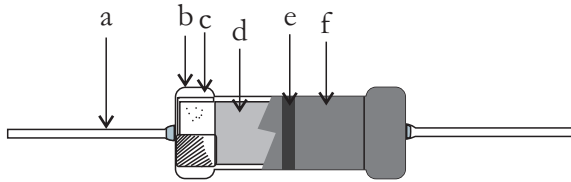


● Features

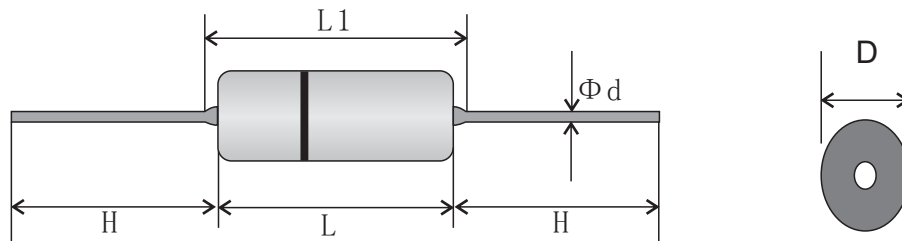
- I Automatic insertion is applicable
- II Excellent long term stability.
- III Products meet EU-RoHS.

● Construction



a	Lead wire
b	Iron Cap
c	Ceramic base or Iron core
d	Tin plating
e	Marking or color code
f	Insulation coat

● Dimensions



Power	Dimensions(mm)					Weight(g) (1000pcs)
	L	L1Max.	D	Φd	H	
1/8,1/6	3.3±0.5	4	1.8±0.5	0.40±0.05	28±3	120±10
1/4	6.0±0.5	7	2.4±0.5	0.55±0.05	28±3	210±10
1/2	9±0.5	11.0	3.0±0.5	0.55±0.05	30±3	320±10
01	9±0.5	11.0	3.0±0.5	0.55±0.05	30±3	320±10

● Ordering Information

Example:

RZ	14	F	0R	U
(1)	(2)	(3)	(4)	(5)
Series Name	Power Rating	Resistance Tolerance	Resistance	Size

(1) Type: RZ SERIES

(2) Power Rating: 16=1/6W, 14=1/4W, 12=1/2W, 01=1W

(3) Tolerance: F=±1%、J=±5%

(4) Resistance Value: 0R=0Ω

(5) Size: U=Standard, S=Small, Y=Epoxy, T=Iron core

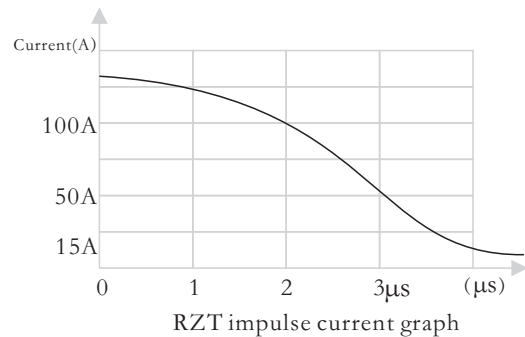
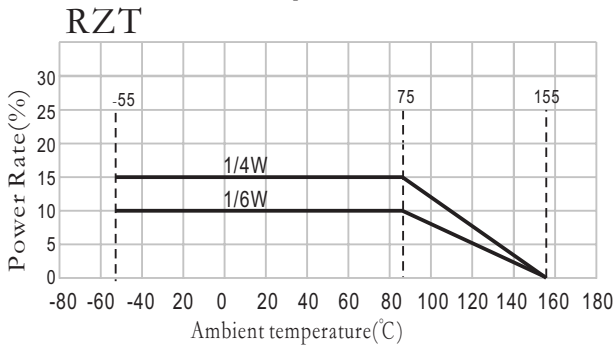
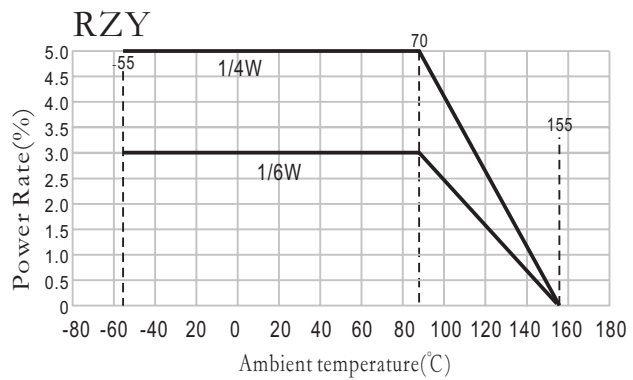
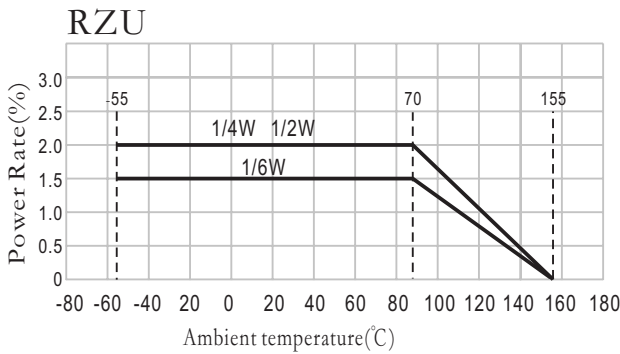
● Reference Standards

JISC 5201-1

Applications And Ratings

Power	Resistance Range (Ω)	Max. working amperage	Add the impulse current	Dielectric withstanding voltage	Taping/ ammo,forming/ bulk pack(pcs)	
					A26	A52
RZU1/6	<20m Ω	1.5A	15	300V	5000	5000
RZU1/4	<20m Ω	2.5A	25	500V	2500	2500
RZU1/2	<20m Ω	2.5A	25	500V	2500	2500
RZS1	<20m Ω	2.5A	25	500V	2500	2500
RZT1/6	<5m Ω	10A	100	300V	5000	5000
RZT1/4	<5m Ω	15A	100	500V	2500	2500
RZY1/6	<20m Ω	3A	30	300V	5000	5000
RZY1/4	<20m Ω	5A	50	500V	2500	2500

Derating Curve



Performance

Test Items	Performance	Test Methods(JIS C 5201-1)
Resistance	Within specified tolerance	Measuring points are 10mm from the end cap
Solderability	after test, <20m Ω	Temp. of solder 245°C \pm 5°C duration of immersion 3s \pm 0.5s
Load life	after test, <20m Ω	Rated amperage at 70°C for 1000 hours.
Load life in humidity	after test, <20m Ω	40°C ,95%RH for 1000 hours;1.5hON/0.5hOFF cycle
Temperature cycling	after test, <20m Ω	5cycles for -25°C (30min); room temp.(30min)~+85°C (30min) room temp.(30min)
Resistance to soldering heat	after test, <20m Ω	260°C \pm 5°C for 10 seconds 350°C \pm 10°C for 3.5 seconds