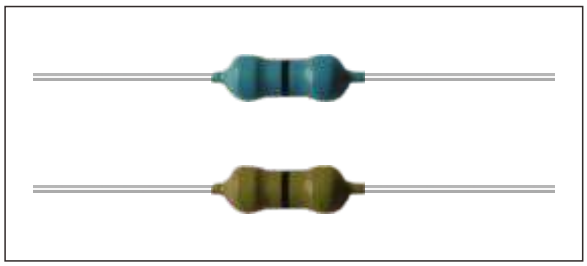


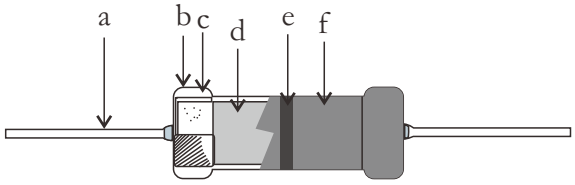
Features

Ⅰ Automatic insertion is applicable

Ⅱ Excellent long term stability.

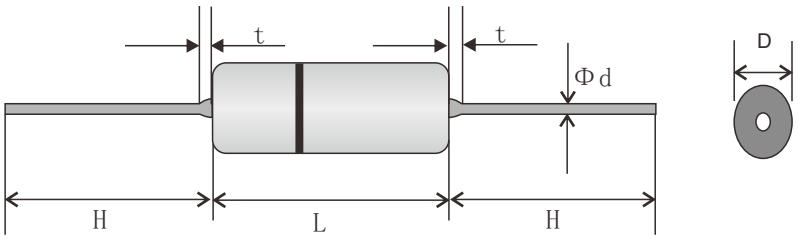
Ⅲ Products meet EU-RoHS.

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	t Max.	D	Φd	H	
1/8,1/6	3.3±0.5	1.50	1.8±0.5	0.40±0.05	28±3	120±10
1/4	6.0±0.5	1.50	2.4±0.5	0.55±0.05	28±3	210±10
1/2	9±0.5	1.50	3.0±0.5	0.55±0.05	30±3	320±10
S1	9±0.5	1.50	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

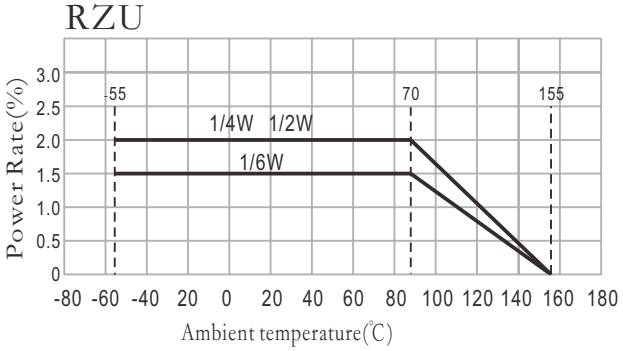
Reference Standards

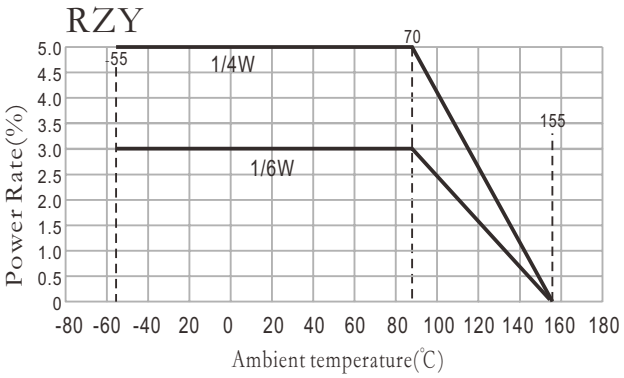
JISC 5201-1

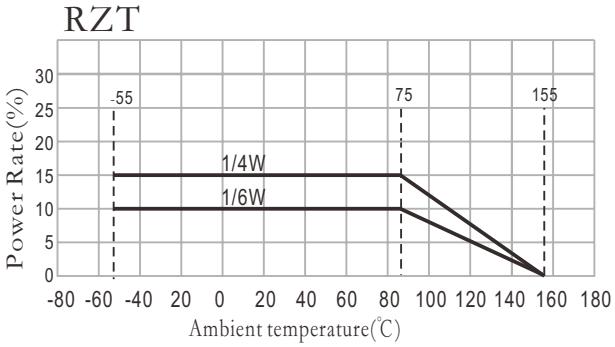
Applications And Ratings

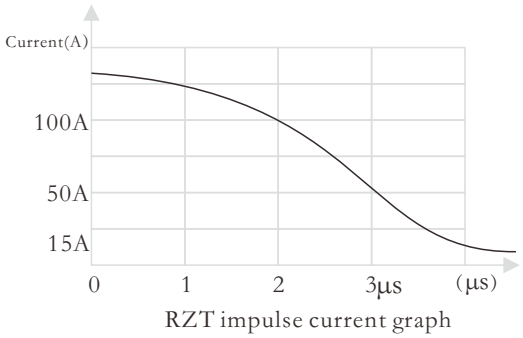
Power	Resistance Range (Ω)	Max. working amperage	Add the impulse current	Dielectric withstanding voltage	Taping/ammo,forming/ bulk pack(pcs)	
					A26	A52
RZU1/6	<20mΩ	1.5A	15	300V	5000	5000
RZU1/4	<20mΩ	2.5A	25	500V	2500	2500
RZU1/2	<20mΩ	2.5A	25	500V	2500	2500
RZS1	<20mΩ	2.5A	25	500V	2500	2500
RZT1/6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

Derating Curve









RZT impulse current graph

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, <20mΩ	Temp. of solder 245℃ ±5℃ duration of immersion 3s±0.5s
Load life	after test, <20mΩ	Rated amperage at70℃ for 1000 hours.
Load life in humidity	after test, <20mΩ	40℃,95%RH for 1000 hours;1.5hON/0.5hOFF cycle
Temperature cycling	after test, <20mΩ	5cycles for -25℃ (30min); room temp,(30min)~+85℃ (30min) room temp.(30min)
Resistance to soldering heat	after test, <20mΩ	260℃ ±5℃ for 10 seconds 350℃ ±10℃ for 3.5 seconds