

零欧姆电阻 Zero OHM Resistors

RZU 涂装防火型0Ω电阻器

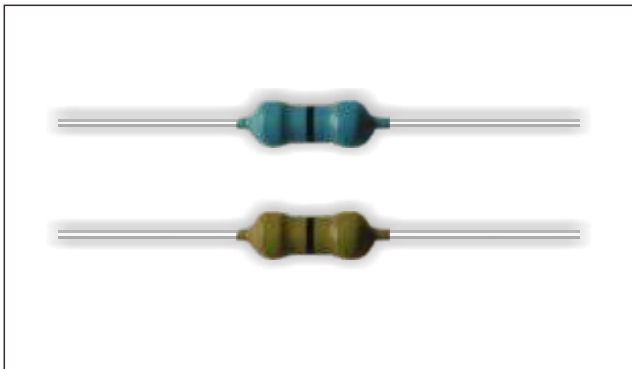
RZS FIRE PREVENTION COAT ZERO OHM RESISTOR

RZY 绝缘树脂型0Ω电阻器

INSULATION RESIN ZERO OHM RESISTOR

RZT 铁芯型0Ω电阻器

IRON CORE ZERO OHM RESISTOR



本体颜色: Body Color

标准品: Standard

RZU fire prevention coat(Grau),RZS(Pink)

RZU涂装防火型(灰色),RZA(粉红色)

RZY Insulation resin(Yellowish),RZT iron core.(or blue)

RZY绝缘树脂(淡黄色),RZT铁芯型(蓝色)

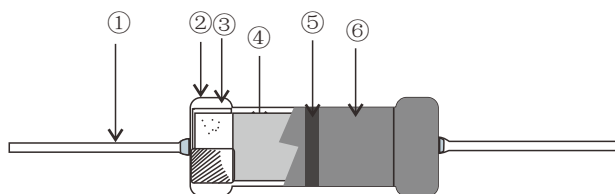
标示: Marking

色环: Color Code(\cong S1/2W)

(根据客户要求提供相应标识)

(According to the customer request to provide corresponding identification)

产品结构图 Construction Drawing



①	②	③	④	⑤	⑥
端子线	铁帽	瓷棒或铁芯	电镀锡	标示	绝缘涂料
Lead wire	Iron Cap	Ceramic base or Iron core	Tin plating	Marking or color code	Insulation coat

特性 Feature

(1)可自动插件。

Automatic insertion is applicable

(2)长期稳定性佳。

Excellent long term stability.

(3)产品符合欧盟RoHS要求。

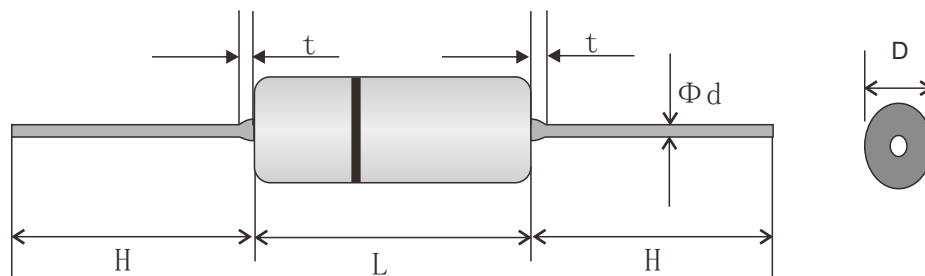
Products meet EU-RoHS.

参考规格Reference Standards

JIS C 5201-1

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外形尺寸 Dimensions

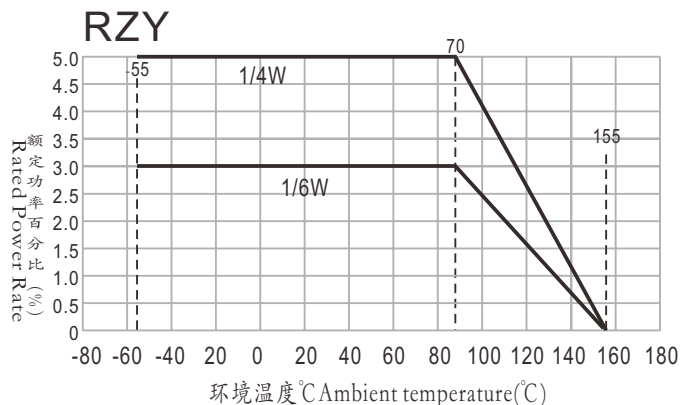
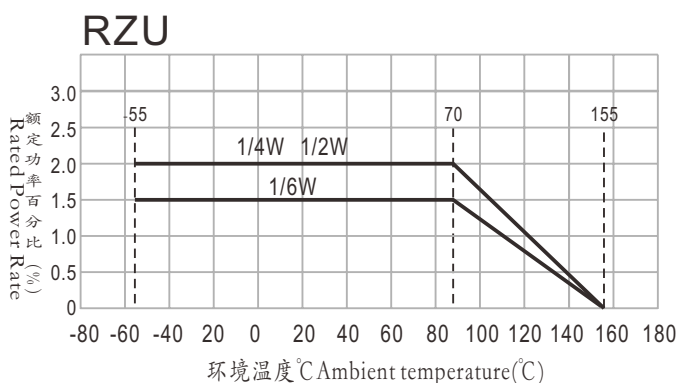


功率 Power	尺寸Dimensions(mm)					Weight(g) (1000pcs)
	L	t Max.	D	Φd	H	
1/8,1/6	3.3±0.5	1.50	1.8±0.5	0.40±0.05	28±3	120±10
1/4	6.0±0.5	1.50	2.4±0.5	0.55±0.05	28±3	210±10
1/2	9±0.5	1.50	3.0±0.5	0.55±0.05	30±3	320±10
S1	9±0.5	1.50	3.0±0.5	0.55±0.05	30±3	320±10

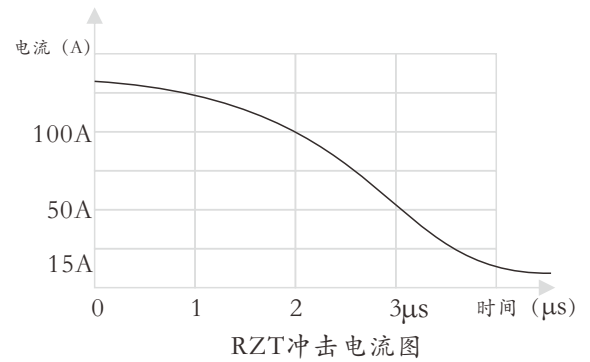
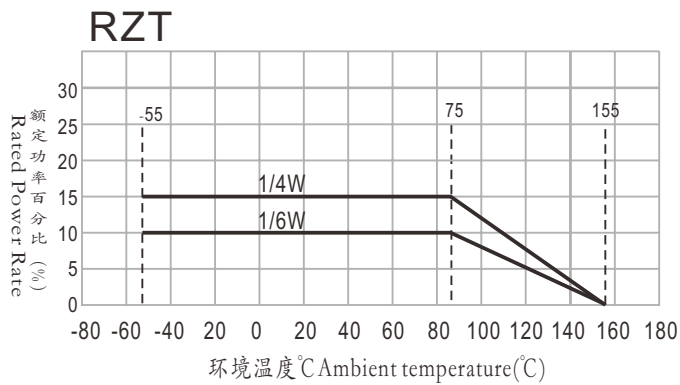
功率、阻值范围与耐电压 Power and Resistance etc

功率 Power	阻值范围 Resistance Range (Ω)	最大使用电流 Max. working amperage	增加 脉冲电流	耐电压 Dielectric withstanding voltage	包装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

降功耗曲线 Derating Curve



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性能 Performance

试验项目 Test Items	性能 Performance	试验方法 Test Methods(JIS C 5201-1)
电阻值 Resistance	规格的误差值内 Within specified tolerance	测量点从端盖10mm Measuring points are 10mm from the end cap
焊锡效果 Solder ability	after test, <20mΩ	Temp. of solder 245°C ± 5°C duration of immersion 3s ± 0.5s
负荷寿命 Load life	after test, <20mΩ	额定电流70°C,1000小时。 Rated amperage at 70°C for 1000 hours.
耐湿负荷寿命 Load life in humidity	after test, <20mΩ	40°C,95%RH,1000小时, 1.5hON/0.5hOFF周期 40°C,95%RH for 1000 hours;1.5hON/0.5hOFF cycle
温度循环 Temperature cycling	after test, <20mΩ	5cycles for -25°C (30min); room temp,(30min)~+85°C (30min) room temp.(30min)
耐焊接热 Resistance to soldering heat	after test, <20mΩ	260°C ± 5°C for 10 seconds(焊锡槽) 350°C ± 10°C for 3.5 seconds(手焊锡)

料号编号 ordering Information

例 example

RZ	U	14	F	0R	A520
规格 Type	品名 Size	功率 Power	误差值 Tolerance	阻值 Ohm	二次加工 Forming
	U:Standard S:Small Y:Epoxy T:Iron core	16:1/6W 14:1/4W 12:1/2W 01:1W	F ± 1% J ± 5%	0R=0Ω	See Table Below