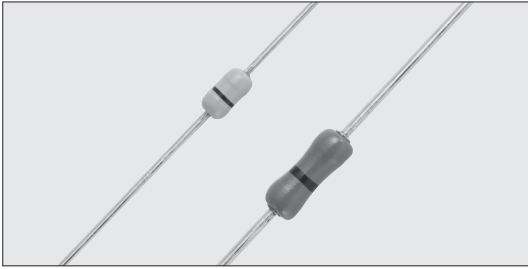
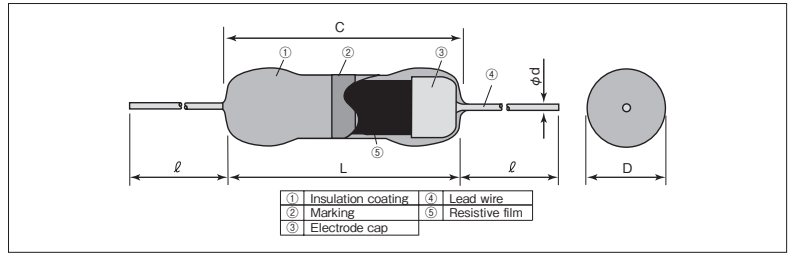


Z Coat-Insulated Zero OHM Resistors



Coating color : Ivory (Z16) : Venetian Red (Z25)
 Marking : Color code with one black band

Construction



Features

- Zero OHM resistors of the same shape of CFS1/4 series and CF1/4 series.
- Automatic insertion is applicable.
- Products meet EU-RoHS requirements.

Dimensions

Type	Dimensions (mm)				Weight(g) (1000pcs)	
	L	C Max.	D	d(Nominal)	Standard	Long
Z16	3.2±0.2	3.4	1.7 ^{+0.2} _{-0.1}	0.45	14min.*1	20min.*2
Z25	6.1±0.5	7.1	2.3±0.3	0.6		

*1 Forming code S is applied for bulk type.
 *2 Long type is custom-made
 *3 Lead length changes depending on taping and forming type.

Type Designation

Example

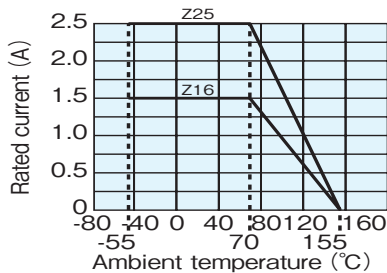
Z16	C	T52	A
Product Code	Terminal Surface Material	Taping & Forming	Packaging
Z16 Z25	C: SnCu	S: Standard Nil: Long T26: 26mm taping T52: 52mm taping	A: AMMO R: REEL Nil: BOX

Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS.
 For further information on taping, please refer to APPENDIX C on the back pages.

Ratings

Type	Maximum Amperage	Rated Ambient Temperature	Operating Temperature Range	Dielectric Withstanding Voltage	Resistance	Taping & Q'ty/AMMO (pcs)	
						T26A	T52A
Z16C	1.5A	+70°C	-55°C~+155°C	300V	20mΩ or less	5,000	3,000
Z25C	2.5A	+70°C	-55°C~+155°C	500V		2,000	2,000

Derating Curve



For resistors operated in an ambient temperature of 70°C or higher, the power shall be derated in accordance with the derating curve in the left figure.

Performance

Test Items	Performance Requirements	Test Methods JIS C 5201-1
Resistance	20mΩ or less	Measuring points are at 10mm±1mm from the end cap.
Resistance to soldering heat	20mΩ or less	260°C±5°C, 10s±1s, 350°C±10°C, 3.5s±0.5s
Terminal Strength	No lead-coming off and loose terminals	Pulling test : Z16 : 5N, 30s, Z25 : 10N, 30s Twist test : 360°, 5 times Bending test : 5N, 90°, 2 times (Z16 : 2.5N)
Rapid change of temperature	20mΩ or less	-55°C (30min.) / +125°C (30min.) 5 cycles
Moisture resistance	20mΩ or less	40°C±2°C, 90%~95%RH, 1000h 1.5h ON/0.5h OFF cycle
Endurance at 70°C	20mΩ or less	70°C±2°C, 1000h 1.5h ON/0.5h OFF cycle
Resistance to solvent	No abnormality in appearance. Marking shall be easily legible.	Ultrasonic washing with Isopropyl alcohol for 2 min. Power: 0.3W/cm², f: 28kHz, Temp.: 35°C±5°C