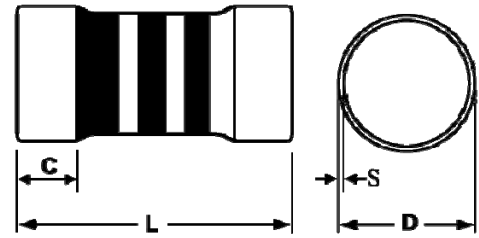


Dimensions :

Size	Power Rating		Dimensions (mm)			
			L	D	C	S
0204	1/8W	1/4Ws	3.5±0.2	1.45±0.1	0.7±0.1	0.15±0.1
0207	1/4W	1/2Ws	5.7±0.2	2.2±0.1	0.8±0.2	0.2±0.1
0309	1/2W	1Ws	8.5±0.3	3±0.3	1.7±0.2	0.3±0.1
0411	1W	2Ws	10.5±0.3	4±0.3	2.3±0.2	0.3±0.1
0515	2W	3Ws	14.5±0.3	4.5±0.3	2.3±0.2	0.3±0.1



Coating Color : Grey.

Marking : Color Bands.

※E-24 Series =3 bands.

Fusing Characteristics

Following is the fusing times of power rating. If continuing 60 sec, tested then within 30 minutes under regular temp. Without power burden that rest resistance is 100 times up more than beginning resistance but the voltage must be automatic adjustment.

SIZE	Fusing times Power Rating	X40	X30	X25	X20	X16	熔斷時間
		0204	1/8W 1/4 Ws			0.47~0.91	1~4.7 2.4K~10K
0207	1/4W 1/2Ws	0.1~0.18	0.2~0.3	0.47~0.91	1~4.7 2.4K~10K	5.1~2.2K	60 秒以內 WITHIN 60 SEC.
0309	1/2W 1Ws			0.1~0.43	0.47~2	2.2~5K	60 秒以內 WITHIN 60 SEC.
0411	1W 2Ws		0.1~0.18	0.2~0.43	0.47~2	2.2~2K	60 秒以內 WITHIN 60 SEC.
0515	2W 3Ws		0.1~0.18	0.2~0.43	0.47~2	2.2~1K	60 秒以內 WITHIN 60 SEC.

REMARKS : 1.The fusing Time and Fusing Times Set can be complied with buyer’ s request in advance.

2.This Fusing characteristics are in constant voltage circuit.

3.Fusing Voltage : $\sqrt{\text{Power Rating} \times \text{Resistance} \times \text{Fusing Multiplier}}$

ME	MO	0204	1/4W	2K	J	TB
↓	↓	↓	↓	↓	↓	↓
Type	Type	SIZE	POWER	Resistance	J	Packaging
MELF	Metal Glaze	0204	1/8W 1/4Ws	0R1 0.1 Ω	J ± 5%	TR Taping Reel
		0207	1/4W 1/2Ws	100R 100 Ω		BU Bulk
		0309	1/2W 1Ws	2K 2K Ω		
		0411	1W 2Ws	2K2 2K2 Ω		
		0515	2W 3Ws			

Characteristics

Item	Characteristics	Test Method
1. Operating Temp. Range 使用溫度範圍	-55°C~155°C	
2. Temp. Coefficient 溫度系數	±200 ppm/°c	JIS-C-5202; 5.2
3. Short time overload 短時間過負載	±2%	Rating voltage*2.5 or Max. overload voltage for 5 sec. Whichever less
4. Resistance to soldering heat 焊接耐熱性	±2%	260°C±5°C, 5sec±1 sec
5. Insulation Resistance 絕緣電阻	Over 10 MΩ	JIS-C-5202;5.6-條件 A
6. Load Life in Humidity 耐濕負載	±5%	40°C±2°C,90%~95% RH, 1000h,1.5h"on"/0.5h"off" cycle
7. Load Life 壽命負載	±5%	70°C±2°C,1000h,1.5h"on"/0.5h "off" cycle
8. Solderability 焊接性	90% Coverage/Min	235°C±5°C,2 sec±0.5sec
9. Bending test 端子強度	±1%	Holding point width 90mm, Bending 5mm, 1time
12. Non-Combustibility 不燃性	The resistors shall withstand Overload test in accordance With Article UL-94.V-0 without producing a fire hazard.	