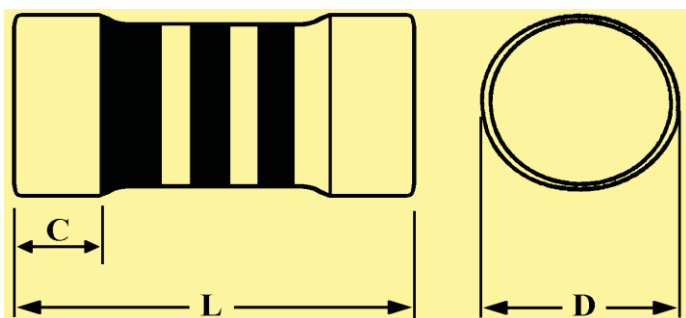




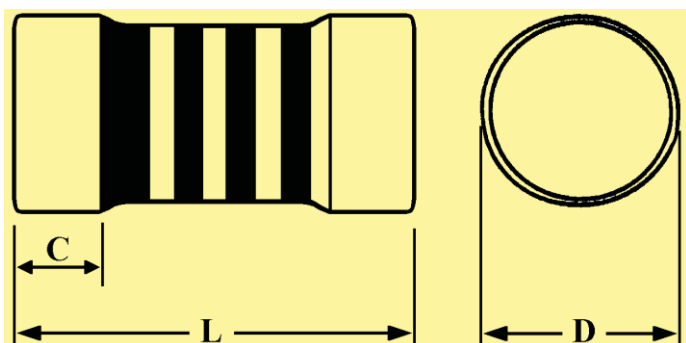
Coating Color : Grey.

塗裝色: 灰色

Marking : Color Bands.

(0204;0207)

※3 bands : 1ST = Number,
2ND = Number,
3RD = Multiplier.



Coating Color : Grey.

塗裝色: 灰色

(0309;0411;0515)

Marking : Color Bands.

※4 bands: 1ST = Number,
2ND = Number,
3RD = Number,
4TH = Multiplier.

Characteristics

Item	Characteristics	Test Method
1. Operating Temp. Range 使用溫度範圍	-55℃ ~ 155℃	
2. Temperature Coefficient 溫度系數	±200 ppm/℃	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℃ ±5℃, 5 sec ± 1 sec
5. Insulation Resistance 絕緣電阻	Over 10 ³ MΩ	JIS-C-5202 ; 5.6-條件 A
6. Load Life in Humidity 耐濕負載	±5%	40℃ ±2℃, 90% ~ 95% RH, 1000h, 1.5h "on"/ 0.5h "off" cycle
7. Load Life 壽命負載	±5%	70℃ ±2℃, 1000h, 1.5h "on"/ 0.5h "off" cycle
8. Solderability 焊接性	90% Coverage/Min	235℃ ±5℃, 2 sec ± 0.5 sec
9. Bending test 端子強度	±1%	Holding point width 90mm, Bending 5mm, 1 time
10. Non-Combustibility 不燃性	No evidence of flaming	UL-94 ; V-0

Dimensions :

Type	Size	POWER RATING	Dimensions(mm)		
			L	D	C
FRM	0204	1/8Ws;1/4Ws	3.5±0.2	1.45±0.1	0.7±0.1
	0207	1/4W; 1/2Ws	5.7±0.2	2.2±0.1	0.8±0.2
	0309	1/2W;1Ws	8.5±0.3	3.0±0.3	1.7±0.2
	0411	1Ws;2Ws	10.5±0.3	4.0±0.3	2.3±0.2
	0515	2W;3Ws	14.5±0.3	4.5±0.3	2.3±0.2

Fusing Charateristics

Following is the fusing times of power rating. If continuing 60 sec, tested 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.

熔斷特性

下面是對定格電力熔斷倍率表，如繼續做 60 秒測試後在常溫 30 分鐘以內沒有負荷量後其殘留的抵抗值比初值 100 倍以上，但電源必須是電壓自動調整型。

(單位:Ω)

Size	Fusing Times 熔斷倍率 功率 Power Rating	X40	X30	X25	X20	X16	熔斷時間 FUSING TIME
0204	1/8W 1/4Ws			0.47~0.91	1~4.7 2.4K~10K	5.1~2.2K	60 秒以內 Within 60 sec.
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

備註:

1. 事先可依客戶需求設定熔斷時間、熔斷倍率
2. 以上測試均使用定壓迴路
3. 熔斷電壓=√功率(W)×阻值(Ω)×熔斷倍率

REMARK:

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:
√Power Rating×Resistance×Fusing Multiplier

Classification (Part No.)

<u>FRM</u>	<u>0207</u>	<u>1/2Ws</u>	<u>100Ω</u>	<u>J</u>	<u>T</u>
STYLE	SIZE	POWER	RESISTANCE	TOLERANCE	PACKING
				J = ±5%	T = Tape/Reel P=Bulk

Packaging

SIZE	0204	0207	0309	0411	0515
TAPE / REEL	3000pcs	2000pcs	2500pcs	1500pcs	1500pcs

Remarks: RoHS Compliant