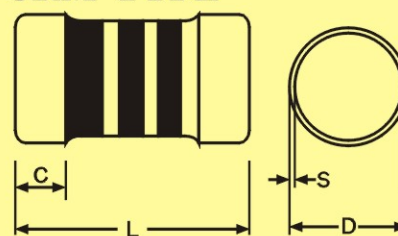
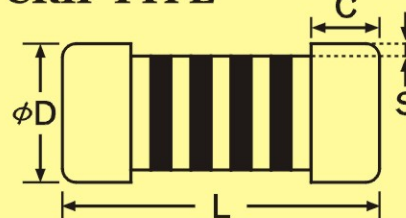


**CRM TYPE**



**CRH TYPE**



**Coating color: Beige.**  
塗裝色：米黃色

**Dimensions:**

Type	Size	Dimensions (mm)				
		L	D	C	S	
					Max.	Min.
CRM	0204	3.5±0.2	1.45±0.1	0.6±0.1	1.40	1.20
CRM	0207	5.7±0.2	2.2±0.1	0.8±0.2	2.30	2.00
CRH	0309	9.5±0.3	3.6±0.3	2.2±0.2	0.4±0.1	
	0411	11.2±0.3	4.7±0.3	2.6±0.2	0.5±0.1	
	0515	15.2±0.3	5.3±0.3	2.6±0.2	0.5±0.1	

**Range:**

Type	Size	POWER RATING	MAX. RATING VOLTAGE	MAX. OVERLOAD VOLTAGE	RESISTANCE RANGE E-24; G(2%); J(5%)
CRM	0204	1/8W (0.125W)	200V	400V	2.2Ω ~ 1MΩ
		1/4Ws (0.25W)	250V	500V	
CRM	0207	1/4W (0.25W)	250V	500V	1.0Ω ~ 2.2MΩ
		1/2Ws (0.5W)	300V	600V	
		1Wss (1W)	400V		
CRH	0309	1Ws	500V	1000V	1.0Ω ~ 10MΩ
	0411	2Ws			
	0515	3Ws			

額定電壓是以， $\sqrt{\text{功率(W)} \times \text{阻值}(\Omega)}$  計算所得的值及以規格表中所列最高使用電壓兩者相較小者。  
Rated-Voltage =  $\sqrt{P(W) \times R(\Omega)}$  or Max. working voltage, whichever lower.

## Characteristics

Item	Characteristics					Test Method
1. Operating Temp. Range 使用溫度範圍	-55°C ~ 155°C					
2. Temp. Coefficient 溫度係數	SIZE	+350~ -450	0~ -700	0~ -1000	+0~ -1300	JIS-C-5202; 5.2
	0204	1.0Ω ~ 47KΩ	51KΩ ~ 220KΩ	240KΩ ~ 470KΩ	510KΩ ~1.0MΩ	
	0207 以上	1.0Ω ~ 100KΩ	110KΩ ~ 330KΩ	360KΩ ~1.0MΩ	1.1MΩ ~2.2MΩ	
3. Short time overload 短時間過負載	±1%					Rating voltage×2.5 or Max. overload voltage for 5 sec. Whichever less
4. Pulse overload 斷續過負載	±2%					Rating voltage×4 or Max. pulse overload voltage for 10,000 cycle (1 sec. "on" 25 sec. "off"), Whichever less
5. Temperature cycling 溫度週率	±1%					-55°C(30 min.) /+85°C (30 min.) for 5 cycle
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. Resistance to soldering heat 焊接耐熱性	±2%					260°C ±5°C, 5 sec ±1 sec
9. Solderability 焊接性	90% Coverage/Min					235°C ±5°C, 2 sec ±0.5 sec
10. Bending test 端子強度	±1%					Holding point width 90mm, Bending 5mm, 1 time
11. High Temp. exposure 耐熱性	±2%					155°C ±5°C, 2 hours
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.					

## Classification

<u>CRM</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% G=2%	T=Tape/Reel B=Bulk

## Packaging

Size	TAPE/REEL	BULK	CARTON
0204	3000pcs	-----	-----
0207	2000pcs	-----	-----
0309	2000pcs	2000pcs	20000pcs
0411	1500pcs	1000pcs	10000pcs
0515	NON	500pcs	5000pcs