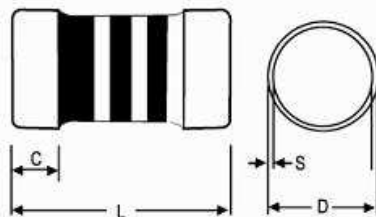


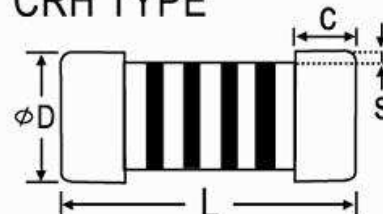
MELF 碳素皮膜無腳電阻器 MELF CARBON FILM RESISTOR

DIMENSION

CRM TYPE



CRH TYPE



Coating color: Beige.
塗裝色: 米黃色

SPECIFICATIONS

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	

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	2.2 Ω ~ 1M Ω
		1/4Ws(0.25W)	250V	500V	
CRM	0207	1/4W(0.25W)	250V	500V	1.0 Ω ~ 2.2M Ω
		1/2Ws(0.5W)	300V	600V	
		1Wss(1W)	400V		
CRH	0309	1Ws	500V	1000V	1.0 Ω ~ 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.

MELF 碳素皮膜無脚電阻器 MELF CARBON FILM RESISTOR

ELECTRICAL PERFORMANCE

Item	Characteristics					Test Method
1. Operating Temp. Range 使用温度範圍	-55°C ~ 155°C					
2. Temp. Coefficient 温度系数	SIZE	+350~ -450	0~ -700	0~ -1000	+0~ -1300	JIS-C 5205;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 voltageX2.5 or Max, overload voltage for 5 sec, Whichever less
4. Pulse overload 斷續過負載	±2%					Rating voltageX4 or Max, pulse overload voltage for 10,000 cycle (1 sec."on"25 sec."off"), Whichever less
5. Temperature cycling 温度過率	±1%					-55°C(30min.)/+85°C (30min.)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±1sec
9. Solderability 焊接性	90% Coverage/Min					235°C±5°C, 2 sec±0.5sec
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

CRM	0207	1/2WS	100Ω	J	T
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	2500pcs	-----	-----
0411	1500pcs	1000pcs	10000pcs
0515	NON	500pcs	5000pcs