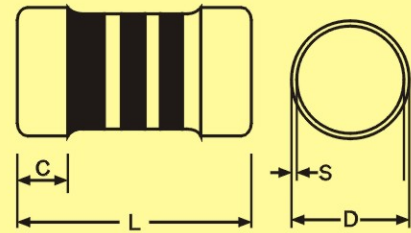


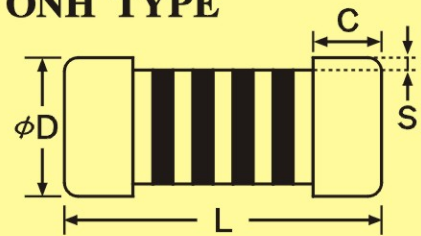
# MELF Anti-Surge Resistors (Non-Inductive Type) (耐電湧無腳電阻器) (無感型)



## ONM TYPE



## ONH TYPE



Coating color: Light Green.

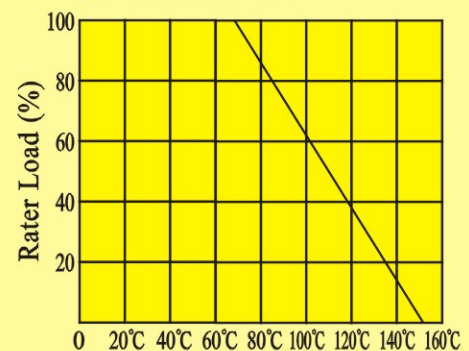
塗裝色：淺綠

### Dimensions:

Type	Size	Dimensions (mm)				
		L	D	C	S	
					Max.	Min.
ONM	0204	3.5±0.2	1.45±0.1	0.6±0.1	1.40	1.20
ONM	0207	5.7±0.2	2.2±0.1	0.8±0.2	2.30	2.00
ONH	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	

### Derating Curve

(功率衰減曲線)



### Range:

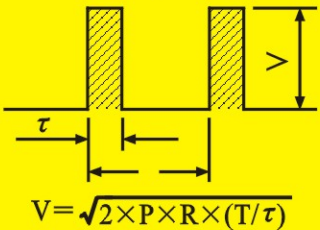
Type	Size	Power Rating	Resistance Range	Tolerance	Max. Surge Voltage
ONM	0204	0.25W	1.0Ω ~ 2.2KΩ	± 5% or ± 10% or ± 20%	150V
ONM	0207	0.5W			200V
ONH	0309	1W			280V
	0411	2W			400V
	0515	3W			500V

# MELF Anti-Surge Resistors (Non-Inductive Type)

(耐電湧無腳電阻器) (無感型)



## Characteristics

Item	Characteristics	Test Method
1. Operating Temp. Range 使用溫度範圍	-55°C ~ 155°C	
2. Temperature Coefficient 溫度係數	±100、±200、 ±500、±1000ppm	JIS-C-5202; 5.2
3. Load Life in Humidity 耐濕負載	±5%	40°C ± 2°C, 90%~95% RH, 1000h, 1.5h "on" / 0.5h "off" cycle
4. Load Life 壽命負載	±5	70°C ± 2°C, 1000h, 1.5h "on" / 0.5h "off" cycle
5. Resistance to soldering heat 焊接耐熱性	±2%	260°C ± 5°C, 5 sec ± 1 sec
6. Solderability 焊接性	90% Coverage/Min	235°C ± 5°C, 2 sec ± 0.5 sec
7. Bending test 端子強度	±1%	Holding point width 90mm, Bending 5mm, 1 time
8. Anti-Surge Characteristic 耐電湧性	±5%	Voltage of $\sqrt{(2 \times P \times R \times T / \tau)}$ at room temperature. Number of cycles : 10000. Note : $T \leq 10\text{sec}$ , $T / \tau \leq 100$ .  $V = \sqrt{2 \times P \times R \times (T / \tau)}$
9. 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>ONM</u>	<u>0207</u>	<u>1/2WS</u>	<u>100Ω</u>	<u>K</u>	<u>T</u>
STYLE	SIZE	POWER	RESISTANCE	TOLERANCE	PACKING
				J = ±5%	T = Tape/Reel
				K = ±10%	B = Bulk
				M = ±20%	

## Packaging

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