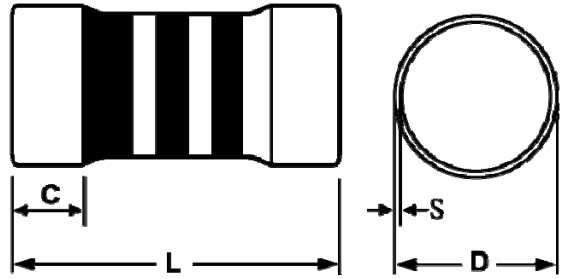


Dimensions :

| Type | Size | Dimensions (mm) | | | |
|------|------|-----------------|----------|----------|----------|
| | | L | D | C | S |
| MESU | 0102 | 2.0±0.1 | 1.3±0.1 | 0.55±0.2 | 0.1±0.05 |
| | 0204 | 3.5±0.2 | 1.45±0.1 | 0.7±0.2 | 0.15±0.1 |
| | 0207 | 5.7±0.2 | 2.2±0.1 | 0.8±0.2 | 0.2±0.1 |
| | 0309 | 8.5±0.3 | 3.0±0.3 | 1.7±0.2 | 0.3±0.1 |
| | 0411 | 10.5±0.3 | 4.0±0.3 | 2.3±0.2 | 0.3±0.1 |
| | 0515 | 14.5±0.3 | 4.5±0.3 | 2.3±0.2 | 0.3±0.1 |



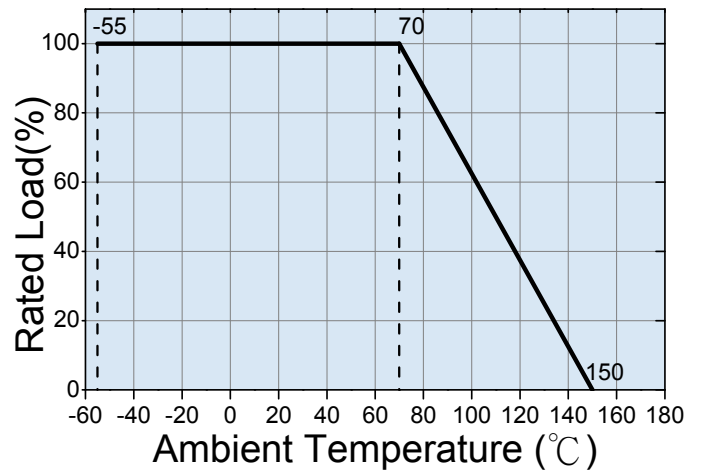
Coating Color : light Green.(淺綠)

Marking : Color Bands.

Range :

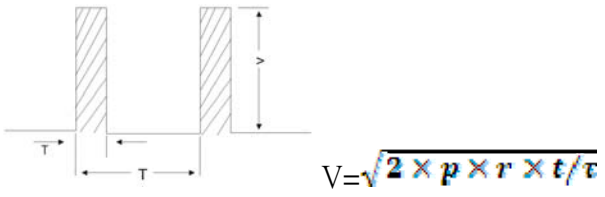
| TYPE | SIZE | POWER RATING | Tolerance | Max. Surge Voltage |
|-------|------|--------------|---------------------------|--------------------|
| MESUR | 0102 | 1/8W | ±5% or ±10% or ±20% | 100V |
| | 0204 | 1/4W | | 150V |
| | 0207 | 1/2W | | 200V |
| | 0309 | 1 W | | 280V |
| | 0411 | 2W | | 400V |
| | 0515 | 3W | | 500V |

●POWER GRAPH



| | | | | | | |
|------|-------|------|-------|------------|---------|----------------|
| ME | SUR | 0204 | 1/4W | 100R | J | TB |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Type | Type | SIZE | POWER | Resistance | J | Packaging |
| MELF | Surge | 0102 | 1/8W | 1R 1 Ω | J ± 5% | TR Taping Reel |
| | | 0204 | 1/4W | 100R 100 Ω | K ± 10% | BU Bulk |
| | | 0207 | 1/2W | 1KR 1K Ω | M ± 20% | |
| | | 0309 | 1 W | 2K2 2K2 Ω | | |
| | | 0411 | 2W | | | |
| | | 0515 | 3W | | | |

Characteristics

| Item | Characteristics | Test Method |
|--|---|---|
| 1. Operating Temp. Range 使用溫度範圍 | -55°C~155°C | |
| 2. Temperature Coefficient 溫度系數 | ±100、±200、±500、±1000 | 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, 5sec±1sec |
| 6. Solderability 焊接性 | 90% Coverage/Min | 235°C±5°C, 2sec±0.5sec |
| 7. Bending test 端子強度 | ±1% | Holding point width 90mm, Bending 5mm, 1time |
| 8. Anti-Surge Characteristic 耐電湧性 | ±5% | <p>Voltage of $\sqrt{2 \times P \times R \times T / \tau}$ at Room temperature. Number of cycles : 10000.</p> <p>Note : $T \leq 10\text{sec}$, $T/\tau \leq 100$</p>  <p>$V = \sqrt{2 \times P \times R \times t / \tau}$</p> |
| 9. Non-Combustibility 不然性 | The resistors shall withstand Overload test in accordance With Article UL-94,V-0 without producing a fire hazard. | |