Tel : 82-32-817-4325
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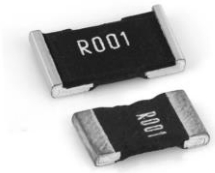
Resistors And
Resistive Applications

RoHS COMPLIANT

# LRA Series

## Metal Alloy Low-Resistance Resistor




- This specification is applicable to lead free, halogen free of RoHS directive for metal alloy low-resistance resistor.
- The product is for general purpose.
- LR-A series : AEC-Q200 qualified available.
- Miniature size suitable for compact Print Circuit Boards of high-precision electronic products.
- Applications include : Power Supply, Battery Pack, Measurable Instrument, LED Driver and Others.

## ■ GENERAL SPECIFICATIONS

| Type | Rating Power | Rating Current | Overload Current | T.C.R. (ppm/°C) | | Resistance Range (mΩ) | | Operating Temperature Range |
|---|---|---|---|---|---|---|---|---|
| | | | | | | D (±0.5%) | F (±1%); G (±2%); J (±5%) | |
| 1206 | 0.5W | 31.62A | 70.71A | 0.5~0.9mΩ: | ≦ ±175 | 7.0~50.0 | 0.5~50.0 | -55~170°C |
| | | | | 1.0~15.0mΩ: | ≦ ±75 | | | |
| | | | | 15.1~50.0mΩ: | ≦ ±50 | | | |
| | 1W | 44.72A | 100A | 0.5~0.9mΩ: | ≦ ±175 | 7.0~50.0 | 0.5~50.0 | |
| | | | | 1.0~15.0mΩ: | ≦ ±75 | | | |
| | | | | 15.1~50.0mΩ: | ≦ ±50 | | | |
| | 1.5W | 54.77A | 122.47A | 0.5~0.9mΩ: | ≦ ±175 | -- | 0.5~1.0 | |
| | | | | 1.0mΩ: | ≦ ±75 | | | |
| 2010 | 1W | 44.72A | 100A | 0.5~0.9 mΩ: | ≦ ±100 | 7.0~49 | 0.5~100 | |
| | | | | 1.0~1.9mΩ: | ≦ ±75 | | | |
| | | | | 2.0~6.9mΩ: | ≦ ±50 | | | |
| | | | | 7.0~100mΩ: | ≦ ±25 | | | |
| | 1.5W | 54.77A | 122.47A | 0.5~0.9 mΩ: | ≦ ±100 | 7.0~40 | 0.5~40 | |
| | | | | 1.0~1.9mΩ: | ≦ ±75 | | | |
| | | | | 2.0~6.9mΩ: | ≦ ±50 | | | |
| | | | | 7.0~40mΩ: | ≦ ±25 | | | |
| | 2W | 63.25A | 141.42A | 0.5~0.9 mΩ: | ≦ ±100 | 7.0~12 | 0.5~12 | |
| | | | | 1.0~1.9mΩ: | ≦ ±75 | | | |
| | | | | 2.0~6.9mΩ: | ≦ ±50 | | | |
| | | | | 7.0~12mΩ: | ≦ ±25 | | | |
| 2512 | 1W | 57.74A | 129.10A | 0.3mΩ: | ≦ ±150 | 7.0~50 | 0.3~300 | |
| | | | | 0.5~1.0mΩ: | ≦ ±75 | | | |
| | | | | 1.1~3.0mΩ: | ≦ ±50 | | | |
| | | | | 3.1~100mΩ | ≦ ±25 | | | |
| | | | | 101~300mΩ: | ≦ ±50 | | | |
| | 1.5W | 70.71A | 158.11A | 0.3mΩ: | ±150 | 7.0~50 | 0.3~220 | |
| | | | | 0.5~1.0mΩ: | ≦ ±75 | | | |
| | | | | 1.1~3.0mΩ: | ≦ ±50 | | | |
| | | | | 3.1~100mΩ | ≦ ±25 | | | |
| | | | | 101~220mΩ: | ≦ ±50 | | | |
| | 2W | 81.65A | 182.57A | 0.3mΩ: | ≦ ±150 | 7.0~50 | 0.3~75.0 | |
| | | | | 0.5~1.0mΩ: | ≦ ±75 | | | |
| | | | | 1.1~3.0mΩ: | ≦ ±50 | | | |
| | | | | 3.1~75mΩ: | ≦ ±25 | | | |
| | 3W | 100A | 223.61A | 0.3mΩ: | ≦ ±150 | 7.0~9.9 | 0.3~9.9 | |
| | | | | 0.5~1.0mΩ: | ≦ ±75 | | | |
| | | | | 1.1~2.5mΩ: | ≦ ±50 | | | |
| | | | | 2.6~9.9mΩ: | ≦ ±25 | | | |
| 2725 | 4W | 126.49A | 316.23A | 0.20mΩ: | ≦ ±100 | -- | 0.20~3.0 | |
| | | | | 0.25~3.0mΩ: | ≦ ±50 | | | |

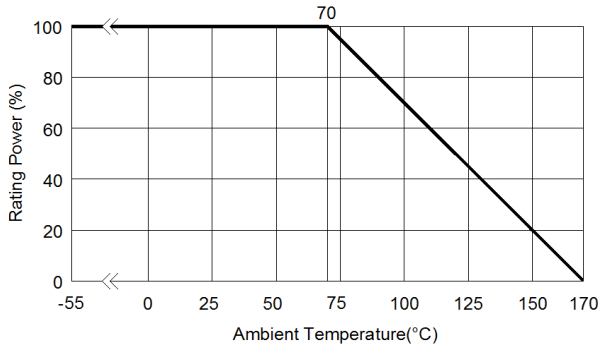
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 5W | 158.11A | 353.55A | 0.20 mΩ: | ≦ ±100 | -- | 0.20~0.5 |
| | | | | 0.25~0.5mΩ: | ≦ ±50 | | |
| 2728 | 3W | 27.39A | 61.24A | 4.0~100mΩ: | ≦ ±25 | 4.0~19.0 | 4.0~100 |
| | 3.5W | 29.58A | 66.14A | 4.0~100mΩ: | ≦ ±25 | 4.0~19.0 | 4.0~100 |
| | 4W | 31.62A | 70.71A | 4.0~ 50.0mΩ: | ≦ ±25 | 4.0~19.0 | 4.0~50.0 |
| 4527S (without heat sink) | 2W | 63.25A | 141.42A | 0.5~1.0m: | ≦ ±75 | 7.0~100 | 0.5~200 |
| | | | | 1.1~200mΩ: | ≦ ±50 | | |
| | 3W | 77.5A | 173.21A | 0.5~1.0mΩ: | ≦ ±75 | 7.0~27 | 0.5~27 |
| | | | | 1.1~27mΩ: | ≦ ±50 | | |
| | 5W | 100A | 223.61A | 0.5~1.0mΩ: | ≦ ±75 | 7.0~7.5 | 0.5~7.5 |
| | | | | 1.1~7.5mΩ: | ≦ ±50 | | |
| 4527 | 5W | 100A | 223.61A | 0.5~1.0mΩ: | ≦ ±75 | 7.0~120 | 0.5~120 |
| | | | | 1.1~120mΩ: | ≦ ±50 | | |

## ■ CHARACTERISTICS

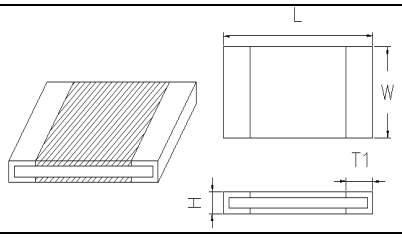
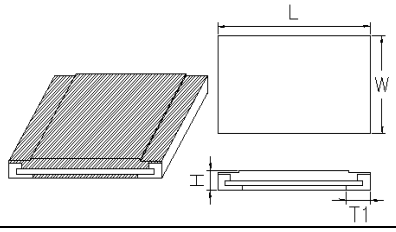
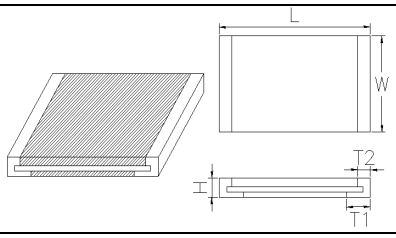
| | | |
|---|---|---|
| **Temperature Coefficient of Resistance** | Refer to Paragraph general specifications | JIS C 5201 4.8 Method; TCR(ppm/℃) = {(R2-R1)/R1(T2-T1)} x $10^6$<br>R1 : Resistance of room temp.(T1), R2 : Resistance of 150℃(T2) |
| **Short Time Overload** | LR4527(S) : (△R/R1) ≤±2.0%<br>Others : (△R/R1) ≤±0.5% | JIS C 5201-1 4.13 Method; 5times rated power, 5seconds |
| **Insulation Resistance** | ≥$10^9$Ω | JIS C 5201 4.6 Method; DC100$V_{DC}$ for 1minute |
| **Dielectric Withstanding Voltage** | Without break down | JIS C 5201 4.7 Method; Applied AC500$V_{AC}$ for 1minute,<br>Limit surge current maximum 50mA |
| **Resistance to Solder Heat** | (△R/R1) ≤±0.5% | JIS C 5201 4.18 Method;<br>Solder temperature/immersion time : 260±5℃, 10±1seconds |
| **Solderability** | 95% coverage | JIS C 5201 4.17 Method; 245±5℃, 3±0.5 seconds |
| **Resistance to solvent** | (△R/R1) ≤±0.5% | JIS C 5201-1 4.29 Method : Immersion time : 60 seconds, @20℃~25℃ |
| **Low Temperature Exposure(Storage)** | (△R/R1) ≤±0.5% | JIS C 5201 4.23.4 Method : 1,000hours, @-55℃ |
| **High Temperature Exposure(Storage)** | (△R/R1) ≤±1.0% | JIS C 5201 4.23.2 Method : 1,000hours, +170℃ |
| **Temperature Cycling (Rapid Temp. Change)** | (△R/R1) ≤±0.5% | JESD22-A104 Method : -55℃ to +150℃, 1,000cycles,<br>Dwell time : 30min maximum. |
| **Moisture Resistance (Climatic Sequence)** | (△R/R1) ≤±0.5% | Mil-STD-202, Method 106 |
| **Bias Humidity** | (△R/R1) : ≤±0.5% | JIS C 5201 4.24 Method : +85℃,85% RH, 10% Bias, 1.5 hours On,<br>0.5 hours Off. Extended Life Test : 1,000 hours. |
| **Load Life** | LR4527 : (△R/R1) ≤±2.0%<br>Others : (△R/R1) ≤±1.0% | JIS C 5201 4.25 Method : Test temperature 70℃ Rated working voltage<br>1.5hours On, 0.5hours Off. Extended Life Test : 1,000 hours |

* Remark: △R = (resistance after stress – resistance before stress); R1 means resistance before stress

## ■ DERATING CURVE



## ■ DIMENSIONS [mm]

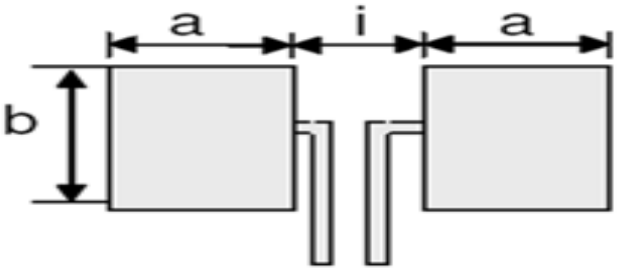
| 1206 / 2010 / 2512 / 2725 / 2728 | 4527 | 4527S |
|---|---|---|
|  |  |  |



| Model | Max. Power Rating [W] | Resistance Range[mΩ] | DIMENSIONS - in inches (milimetres) | | | | |
|---|---|---|---|---|---|---|---|
| | | | L | W | H | T1 | T2 |
| LR 1206 | 0.5 & 1.0 | 0.5~0.6 | 0.126±0.010 (3.200±0.254) | 0.063±0.010 (1.600±0.254) | 0.039±0.010 (1.000±0.254) | 0.029±0.010 (0.725±0.254) | |
| | | 1.0~1.5 | | | 0.025±0.010 (0.645±0.254) | 0.020±0.010 (0.508±0.254) | |
| | | 2.0 ~ 4.0 | | | 0.022±0.010 (0.545±0.254) | | |
| | | 5 | | | | 0.024±0.010 (0.600±0.254) | |
| | | 6.0 ~50.0 | | | | 0.020±0.010 (0.508±0.254) | |
| | 1.5 | 0.5~0.6 | | | 0.039±0.010 (1.000±0.254) | 0.029±0.010 (0.725±0.254) | |
| | | 1 | | | 0.025±0.010 (0.645±0.254) | 0.020±0.010 (0.508±0.254) | |
| | | | | | | | |
| LR 2010 | 1.0 & 1.5 & 2.0 | 0.5 ~ 0.9 | 0.200±0.010 (5.080±0.254) | 0.100±0.010 (2.540±0.254) | 0.031±0.010 (0.787±0.254) | 0.057±0.010 (1.440±0.254) | |
| | | 1.0 ~ 3.0 | | | | 0.051±0.010 (1.295±0.254) | |
| | | 3.1 ~ 4.0 | | | 0.025±0.010 (0.645±0.254) | 0.031±0.010 (0.787±0.254) | |
| | | 4.1 ~100.0 | | | | | |
| LR 2512 | 1.0 & 1.5 | 0.3 | 0.246±0.010 (6.248±0.254) | 0.126±0.010 (3.202±0.254) | 0.040±0.010 (1.000±0.254) | 0.079±0.010 (2.02±0.254) | - |
| | | 0.5 ~ 0.7 | | | 0.031±0.010 (0.787±0.254) | 0.079±0.010 (2.02±0.254) | |
| | | 0.75 | | | | 0.054±0.010 (1.374±0.254) | |
| | | 0.8~3.0 | | | | 0.074±0.010 (1.880±0.254) | |
| | | 3.1 ~ 4.0 | | | | 0.066±0.010 (1.676±0.254) | |
| | | 4.1 ~78.0 | | | 0.025±0.010 (0.645±0.254) | 0.044±0.010 (1.118±0.254) | |
| | | 78.1 ~ 100 | | | | 0.034±0.010 (0.868±0.254) | |
| | 2 | 0.3 | 0.246±0.010 (6.248±0.254) | 0.126±0.010 (3.202±0.254) | 0.040±0.010 (1.000±0.254) | 0.079±0.010 (2.02±0.254) | |
| | | 0.5~0.7 | | | 0.031±0.010 (0.787±0.254) | 0.079±0.010 (2.02±0.254) | |
| | | 0.75 | | | | 0.054±0.010 (1.374±0.254) | |
| | | 0.8~3.0 | | | | 0.074±0.010 (1.880±0.254) | |
| | | 3.1 ~ 4.0 | | | | 0.066±0.010 (1.676±0.254) | |
| | | 4.1 ~75.0 | | | 0.025±0.010 (0.645±0.254) | 0.044±0.010 (1.118±0.254) | |
| | 3 | 0.3~0.5 | | | 0.040±0.010 (1.000±0.254) | 0.079±0.010 (2.02±0.254) | |
| | | 0.7 | | | 0.031±0.010 (0.787±0.254) | 0.074±0.010 (1.880±0.254) | |

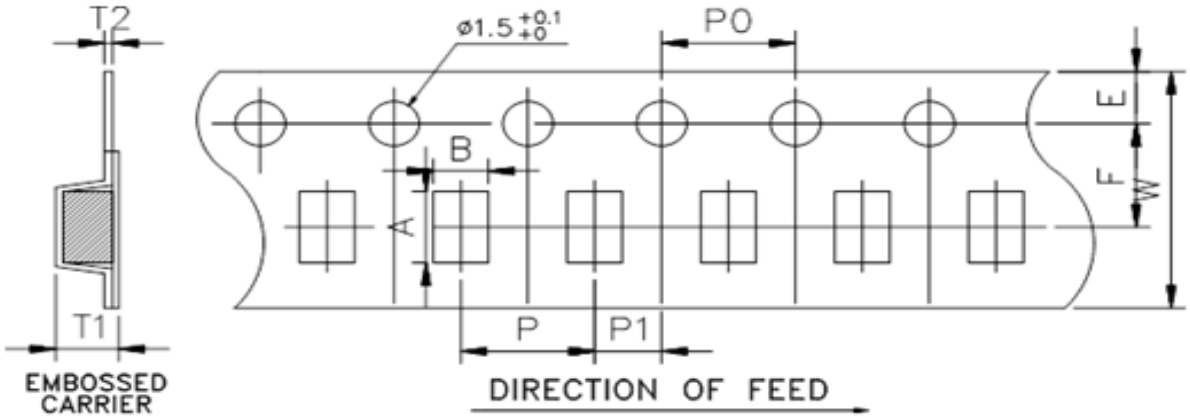
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 0.75 | | | | 0.054±0.010 (1.374±0.254) | |
| | | 0.8 ~ 2.9 | | | | 0.044±0.010 (1.118±0.254) | |
| | | 3.0~3.5 | | | | 0.074±0.010 (1.880±0.254) | |
| | | 3.6 ~ 4.0 | | | | 0.066±0.010 (1.676±0.254) | |
| | | 4.1~9.9 | | | 0.025±0.010 (0.645±0.254) | 0.044±0.010 (1.118±0.254) | |
| LR 2725 | 4.0 & 5.0 | 0.20 ~ 0.30 | 0.268±0.010 (6.807±0.254) | 0.254±0.010 (6.452±0.254) | 0.039±0.010 (0.991±0.254) | 0.085±0.010 (2.159±0.254) | |
| | | 0.35~0.45 | | | | 0.075±0.010 (1.90±0.254) | |
| | | 0.6 | | | | 0.071±0.010 (1.803±0.254) | |
| | | 0.75 | | | | 0.059±0.010 (1.504±0.254) | |
| | | 1 | | | 0.043±0.010 (1.092±0.254) | 0.085±0.010 (2.159±0.254) | |
| | | 1.5 | | | 0.039±0.010 (0.991±0.254) | | |
| | | 2 | | | 0.035±0.010 (0.889±0.254) | 0.071±0.010 (1.803±0.254) | |
| | | 2.25~2.5 | | | | 0.065±0.010 (1.651±0.254) | |
| | | 3 | | | | 0.051±0.010 (1.30±0.254) | |
| LR 2728 | 3.0 & 3.5 & 4.0 | 4.0~100.0 | 0.264±0.010 (6.706±0.254) | 0.283±0.010 (7.188±0.254) | 0.039±0.010 (0.991±0.254) | 0.045±0.010 (1.143±0.254) | |
| LR 4527S (without heat sink) | 2 | 0.5 | 0.450±0.010 (11.430±0.254) | 0.270±0.010 (6.850±0.254) | 0.055±0.010 (1.400±0.254) | 0.136±0.010 (3.465±0.254) | 0.038±0.010 (0.965±0.254) |
| | | 0.6 ~ 3.0 | | | | 0.127±0.010 (3.215±0.254) | |
| | | 4.0 ~ 5.0 | | | | | |
| | | 5.1 ~ 100 | | | | 0.071±0.010 (1.815±0.254) | |
| | 3 | 0.5 | | | | 0.136±0.010 (3.465±0.254) | |
| | | 0.6 ~ 3.0 | | | | 0.127±0.010 (3.215±0.254) | |
| | | 4.0 ~ 5.0 | | | | | |
| | | 5.1 ~ 27 | | | | 0.071±0.010 (1.815±0.254) | |
| | 5 | 0.5 | | | | 0.136±0.010 (3.465±0.254) | |
| | | 0.6 ~ 3.0 | | | | 0.127±0.010 (3.215±0.254) | |
| | | 4.0 ~ 5.0 | | | | | |
| | | 5.1 ~ 7.5 | | | | 0.071±0.010 (1.815±0.254) | |
| LR 4527 | 5 | 0.5 | 0.450±0.010 (11.430±0.254) | 0.270±0.010 (6.850±0.254) | 0.059±0.010 (1.500±0.254) | 0.136±0.010 (3.465±0.254) | - |
| | | 0.6 ~ 3.0 | | | | 0.127±0.010 (3.215±0.254) | |
| | | 4.0 ~ 5.0 | | | | 0.127±0.010 (3.215±0.254) | |
| | | 5.1 ~ 120 | | | | 0.071±0.010 (1.815±0.254) | |

## ■ SOLDER PAD DIMENSIONS

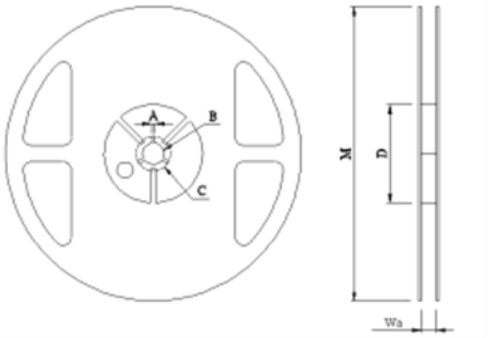



| Type | Maximum Power Rating (Watts) | Resistance Range (mΩ) | Dimensions - in millimeters | | |
|---|---|---|---|---|---|
| | | | a | b | i |
| 1206 | 0.5 & 1.0 & 1.5 | 0.5~ 0.6 | 1.65 | 2.18 | 0.9 |
| | | 1.0 ~ 50.0 | 1.6 | | 1 |
| 2010 | 1.0 & 1.5 & 2.0 | 0.5 ~ 3.0 | 2.89 | 2.92 | 1.22 |
| | | 3.1 ~ 100.0 | 2.29 | | 2.41 |
| 2512 | 1.0 & 1.5 | 0.3 ~ 0.7 | 3.05 | 3.68 | 1.27 |
| | | 0.8~ 4.0. | | | |
| | | 0.75 | 2.19 | | 3 |
| | | 4.1 ~ 100.0 | 2.11 | | 3.18 |
| | 2 | 0.3 ~ 0.7 | 3.05 | | 1.27 |
| | | 0.8 ~ 4.0 | | | |
| | | 0.75 | 2.19 | | 3 |
| | | 4.1 ~ 75.0 | 2.11 | | 3.18 |
| | 3 | 0.3 ~ 0.5 | 3.05 | | 1.27 |
| | | 0.6 ~ 2.9 | 2.19 | | 3 |
| | | 4.1 ~ 10.0 | | | |
| | | 3.0 ~ 4.0 | 2.79 | | 1.8 |
| 2725 | 4.0 & 5.0 | 0.20 ~ 3.0 | 3.18 | 6.86 | 1.32 |
| 2728 | 3.0 & 3.5 & 4.0 | 4.0 ~ 100.0 | 2.75 | 7.82 | 3.51 |
| 4527S | 2 | 0.5 ~ 5.0 | 5.8 | 8.74 | 3.51 |
| | | 5.1 ~ 100.0 | 4.15 | | 6.81 |
| | 3 | 0.5 ~ 5.0 | 5.8 | | 3.51 |
| | | 5.1 ~ 27.0 | 4.15 | | 6.81 |
| | 5 | 0.5 ~ 5.0 | 5.8 | | 3.51 |
| | | 5.1 ~ 7.5 | 4.15 | | 6.81 |
| 4527 | 5 | 0.5 ~ 5.0 | 5.8 | 8.74 | 3.51 |
| | | 5.1 ~ 200.0 | 4.15 | | 6.81 |

## ■ PACKAGING




| DIM / MODEL | A | B | W | E | F | T1 | T2 | P | P0 | 10*P0 | P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LR 1206 (0.5~0.6mΩ) | 3.50±0.10 | 1.90±0.10 | 8.0±0.15 | 1.75±0.10 | 3.5±0.10 | 1.27±0.10 | 0.23±01.0 | 4.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |
| LR 1206 (≥ 1.0mΩ) | 3.48±0.10 | 1.83±0.10 | 8.0±0.15 | 1.75±0.10 | 3.5±0.10 | 1.10±0.10 | 0.20±0.05 | 4.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |
| LR 2010 | 5.45±0.10 | 2.90±0.10 | 12.0±0.15 | 1.75LE.10 | 5.5±0.10 | 1.33±0.10 | 0.23±0.05 | 4.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |
| LR 2512 (0.3mΩ) | 6.74±0.10 | 3.50±0.10 | 12.0±0.15 | 1.75±0.10 | 5.5±0.10 | 1.60±0.10 | 0.24±0.05 | 8.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |
| LR 2512 | 6.75±0.10 | 3.50±0.10 | 12.0±0.15 | 1.75±0.10 | 5.5±0.10 | 1.30±0.10 | 0.20±0.05 | 4.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |
| LR 2725 | 7.15±0.10 | 6.75±0.10 | 12.0±0.15 | 1.75±0.10 | 5.5±0.10 | 1.95±0.10 | 0.25±0.05 | 8.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |
| LR 2728 | 7.15±0.10 | 7.70±0.10 | 12.0±0.15 | 1.75±0.10 | 5.5±0.10 | 1.45±0.10 | 0.25±0.05 | 12.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |
| LR 4527 | 11.80±0.10 | 7.20±0.10 | 24.0±0.15 | 1.75±0.10 | 11.5±0.10 | 2.00±0.10 | 0.30±0.10 | 12.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |
| LR 4527S | 11.80±0.10 | 7.20±0.10 | 24.0±0.15 | 1.75±0.10 | 11.5±0.10 | 2.00±0.10 | 0.30±0.10 | 12.0±0.10 | 4.0±0.10 | 40.0±0.20 | 2.0±0.10 |



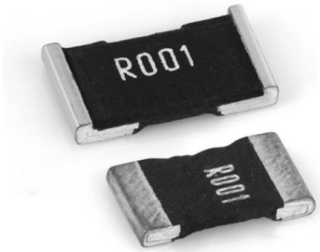

| Reel Type / Tape | W | M | A | B | C | D |
|---|---|---|---|---|---|---|
| 7" reel for 8 mm tape | 9.0 ± 0.5 | 178 ± 2.0 | 2.0 ± 0.5 | 13.5 ± 0.5 | 21.0 ± 0.5 | 60.0 ± 1.0 |
| 7" reel for 12 mm tape | 13.8 ± 0.5 | | | | | 80.0 ± 1.0 |
| 7" reel for 24 mm tape | 25.0 ± 1.0 | | | 13.2 ± 0.5 | 17.7 ± 0.5 | 60.0 ± 1.0 |

***Packaging Quantity**

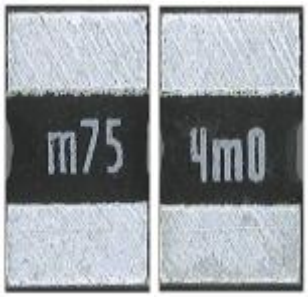
| MODEL | Tape width | Max. Packaging Quantity (pcs/reel) | | |
|---|---|---|---|---|
| | | Embossed Plastic Type | | |
| | | 4mm pitch | 8mm pitch | 12mm pitch |
| LR 1206 (0.5~0.6mΩ) | 8mm | 2,000pcs | -- | -- |
| LR 1206 (≥ 1.0mΩ) | | 4,000pcs | | |
| LR 2010 | 12mm | 2,000pcs/4,000pcs | -- | -- |
| LR 2512 (0.3mΩ) | | -- | 1,000pcs | -- |
| LR 2512 | | 4,000pcs | -- | -- |
| LR 2725 | | -- | 1,000pcs | -- |
| LR 2728 | | -- | -- | 1,000pcs |
| LR 4527 LR 4527S | 24mm | -- | -- | 500pcs |

## ■ MARKING FORMAT

- All the products marking are 4 digits (LR2512 0.3mΩ~4mΩ are not included)

| | |
|---|---|
| a. "R" designated the decimal location in ohms.<br>Ex) For 1mΩ the product marking is R001;<br>For 25mΩ the product marking is R025;<br>For 100mΩ the product marking is R100.<br>b. "m" designated the decimal location in milliohms.<br>Ex) For 0.25mΩ the product marking is 0m25;<br>For 0.5mΩ the product marking is 0m50;<br>For 5.5mΩ the product marking is 5m50;<br>For 25.5mΩ the product marking is 25m5.<br>c. Marking image (Please refer to right)<br>d. LR1206 0.5mΩ~0.6mΩ Square marking |  |

- LR2512 0.3mΩ~4mΩ marking format (3 digits)

| | |
|---|---|
| a. Under 1mΩ (1mΩ is not included) "m" is the first digit and means the decimal point position of mΩ.<br>Ex) For 0.3mΩ the product marking is m30;<br>For 90mΩ the product marking is m90.<br>b. Under 4mΩ (4mΩ is included) The first digit is the unit digit. "m" means the decimal point position of mΩ.<br>Ex) For 1mΩ the product marking is 1m0;<br>For 4mΩ the product marking is 4m0. |  |

## ■ ODERING PROCEDURE EXAMPLE

| LRA | 2512 | 2 | 3 | R001 | F | 4 |
|---|---|---|---|---|---|---|
| Model# | Size (inch)<br>1206<br>2010<br>2512<br>2725<br>2728<br>4527<br>4527S | Number of terminals | Rated Power<br>C = 0.5W<br>1 = 1.0W<br>A = 1.5W<br>2 = 2.0W<br>3 = 3.0W<br>B = 3.5W<br>4 = 4.0W<br>5 = 5.0W | Resistance<br>(Ex) :<br>R001 = 1mΩ | Tolerance<br>D = ±0.5%<br>F = ±1.0%<br>G = ±2.0%<br>J = ±5.0% | Packing<br>A = 500pcs<br>1 = 1,000pcs<br>2 = 2,000pcs<br>4 = 4,000pcs |