

Model No.

LCR**

■ Features

- Utilizes metal-oxide Thick Film material,
Excellent Weather resistance and Heat resistance.

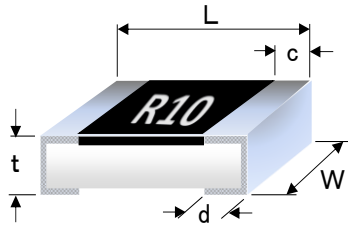
Compatible with reflow and Flowsoldering.

- Compliant with European RoHS Compliance.



(Unit: mm)

■ Dimensions



| Model | L | W | t | c | d |
|-------|-----------------|-----------------|-----------------|-----------|-----------|
| LCR10 | 1.00±0.05 | 0.50±0.05 | 0.35±0.05 | 0.20±0.10 | 0.25±0.10 |
| LCR16 | 1.60±0.15 | 0.80+0.20/-0.10 | 0.50+0.15/-0.05 | 0.25±0.20 | 0.25±0.20 |
| LCR20 | 2.00+0.20/-0.10 | 1.25+0.20/-0.10 | 0.50+0.15/-0.05 | 0.40±0.20 | 0.40±0.20 |
| LCR32 | 3.20+0.10/-0.15 | 1.60+0.10/-0.15 | 0.55+0.15/-0.05 | 0.50±0.20 | 0.50±0.20 |
| LCR35 | 3.20+0.10/-0.15 | 2.60+0.10/-0.15 | 0.55+0.15/-0.05 | 0.50±0.20 | 0.50±0.20 |
| LCR50 | 5.00±0.15 | 2.50±0.15 | 0.56±0.15 | 0.60±0.25 | 0.60±0.20 |
| LCR64 | 6.30±0.15 | 3.20±0.15 | 0.56±0.15 | 0.60±0.25 | 0.60±0.25 |

■ Specifications

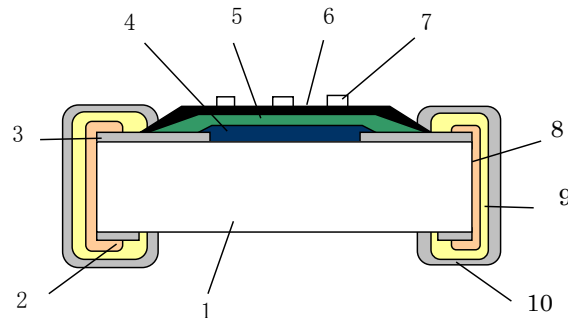
| Model | Rated Power (W) | Resistance Value Tolerance | Resistance Value Range (Ω) | TCR (ppm/° C) | Max. Working voltage | Max. Overload voltage |
|-------|-----------------|---------------------------------------|----------------------------|---------------|----------------------|-----------------------|
| LCR10 | 0.100 | G-grade (±2%) J-grade (±5%) | 0.20~0.91 | ±300 | V=√(P·R) | 100V |
| LCR16 | 0.100 | G-grade (±2%) J-grade (±5%) | | | | |
| LCR20 | 0.125 | F-grade (±1%) | 0.20~0.91 | ±100 | | |
| LCR32 | 0.250 | | | | | |
| LCR35 | 0.500 | G-grade (±2%) | 0.10~0.91 | ±200 | | |
| LCR50 | 0.750 | J-grade (±5%) | | | | |
| LCR64 | 1.000 | F-grade (±1%) | 0.20~0.91 | ±200 | | |
| | | G-grade (±2%) | | | | |
| | | J-grade (±5%) | | | ±300 | |

※The bolded sections are common

*Operating temperature range: -55 to +155° C

■ Construction

| No. | Component Name |
|-----|--------------------|
| 1 | Ceramic Substrate |
| 2 | Back Electrode |
| 3 | Surface Electrode |
| 4 | Resistor |
| 5 | Protective coat I |
| 6 | Protective coat II |
| 7 | Marking |
| 8 | Side Electrode |
| 9 | Ni Plating |
| 10 | Sn Plating |



※Design and Specifications are subject to change without notice. Please verify before purchase and use.