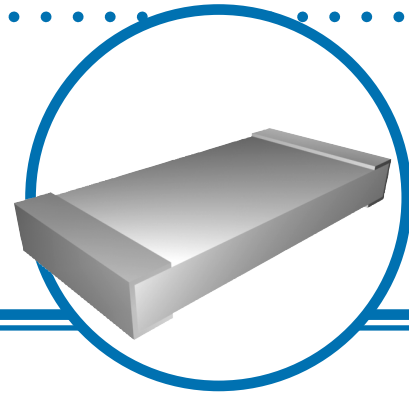


Zerohm Thick Film Jumper Chip

LRZ Series

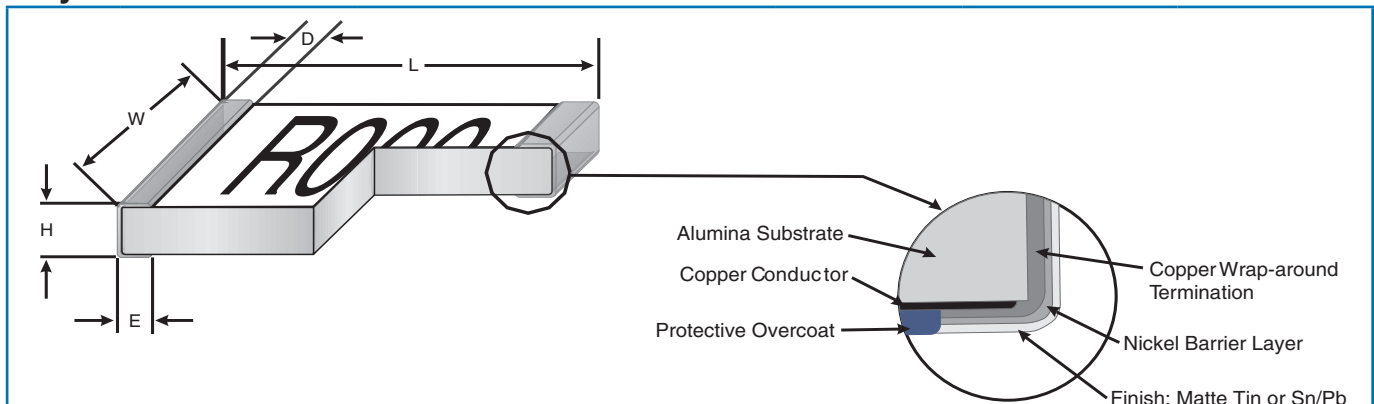
- Current rating to 35 amps
- 0.002 ohm maximum resistance
- Copper on Alumina construction
- Very low inductance
- Available in 1206, 2010 and 2512 chip sizes



Electrical Data

| | | Size 1206 | Size 2010 | Size 2512 |
|--|-------|----------------------------------|------------|------------|
| Resistance | ohms | 0.002 max. | 0.002 max. | 0.002 max. |
| Power Rating @ $\leq 70^{\circ}\text{C}$ | watts | .5 | 1 | 2 |
| Continuous Current | amps | 16 | 22 | 32 |
| Maximum Surge Current | amps | 20 | 30 | 35 |
| Dielectric Withstanding Voltage | volts | 200 | 200 | 200 |
| Insulation Resistance | ohms | greater than 10G | | |
| Leach Resistance | | molten solder 250°C - 90 seconds | | |
| Operating Temperature Range | | -55°C to +150°C | | |

Physical Data



| | 1206 | | 2010 | | 2512 | |
|----------|---------------|-------------|---------------|-------------|---------------|-------------|
| | in. | mm | in. | mm | in. | mm. |
| L | 0.126 ± 0.012 | 3.20 ± 0.30 | 0.206 ± 0.015 | 5.23 ± 0.38 | 0.256 ± 0.015 | 6.50 ± 0.38 |
| W | 0.064 ± 0.008 | 1.63 ± 0.20 | 0.104 ± 0.010 | 2.64 ± 0.25 | 0.128 ± 0.010 | 3.25 ± 0.25 |
| H | 0.024 ± 0.004 | 0.61 ± 0.10 | 0.029 ± 0.004 | 0.74 ± 0.10 | 0.029 ± 0.004 | 0.74 ± 0.10 |
| D | 0.019 ± 0.010 | 0.48 ± 0.25 | 0.019 ± 0.010 | 0.48 ± 0.25 | 0.019 ± 0.010 | 0.48 ± 0.25 |
| E | 0.019 ± 0.010 | 0.48 ± 0.25 | 0.019 ± 0.010 | 0.48 ± 0.25 | 0.019 ± 0.010 | 0.48 ± 0.25 |

General Note
 IRC reserves the right to make changes in product specification without notice or liability.
 All information is subject to IRC's own data and is considered accurate at time of going to print.

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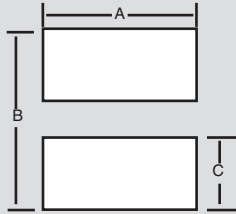
A subsidiary of
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LRZ Series Issue July 2008

Zerohm Thick Film Jumper Chip



Recommended Solder Pad Layout



| DIM. | | LR1206 | LR2010 | LR2512 |
|------|-----|--------|--------|--------|
| A | in. | 0.080 | 0.120 | 0.145 |
| | mm | (2.0) | (3.05) | (3.7) |
| B | in. | 0.160 | 0.255 | 0.305 |
| | mm | (4.0) | (6.5) | (7.75) |
| C | in. | 0.050 | 0.060 | 0.060 |
| | mm | (1.25) | (1.5) | (1.5) |

Ordering Data

Prefix **LRC** - **LRZ** **1206LF** - **R000**

Model
LRZ = Zero ohm jumper

Size
1206, 1206LF, 2010, 2010LF, 2512, 2512LF
Note: LF indicates Pb-free terminations

Resistance Code
Standard Marking is 'R000'

For additional information or to discuss your specific requirements, please contact our Applications Team using the contact details below.

Power Derating Curve

