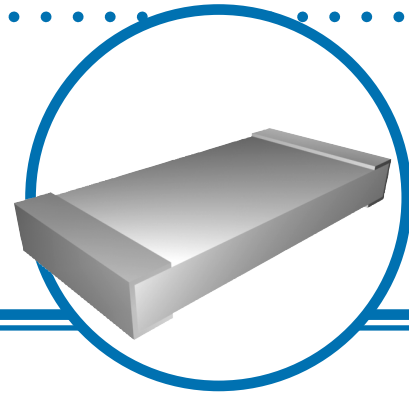


# Zerohm Thick Film Jumper Chip

## LRZ Series

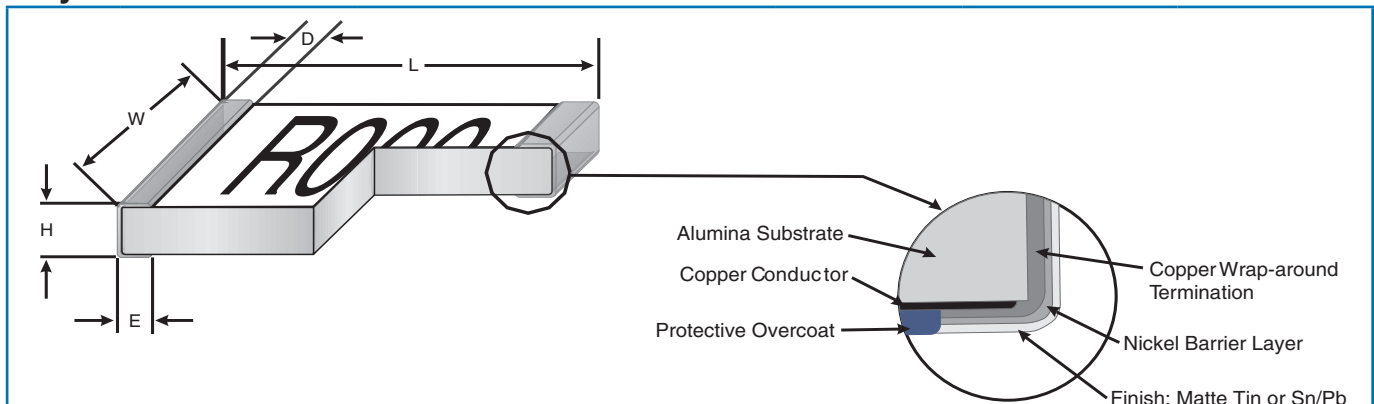
- Current rating to 35 amps
- 0.002 ohm maximum resistance
- Copper on Alumina construction
- Very low inductance
- Available in 1206, 2010 and 2512 chip sizes



## 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.
<b>L</b>	0.126 ± 0.012	3.20 ± 0.30	0.206 ± 0.015	5.23 ± 0.38	0.256 ± 0.015	6.50 ± 0.38
<b>W</b>	0.064 ± 0.008	1.63 ± 0.20	0.104 ± 0.010	2.64 ± 0.25	0.128 ± 0.010	3.25 ± 0.25
<b>H</b>	0.024 ± 0.004	0.61 ± 0.10	0.029 ± 0.004	0.74 ± 0.10	0.029 ± 0.004	0.74 ± 0.10
<b>D</b>	0.019 ± 0.010	0.48 ± 0.25	0.019 ± 0.010	0.48 ± 0.25	0.019 ± 0.010	0.48 ± 0.25
<b>E</b>	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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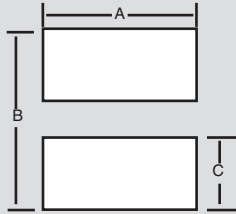
A subsidiary of  
 TT electronics plc

LRZ Series Issue July 2008

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## 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

