

CPTC Thermistors



CJ Series Square Leadless PTC Thermistor

Typical Applications

- AC/DC Power Supplies

Features

- Square Shape
- Low Resistance
- Lead Free

Specifications

Part Number	Resistance @ 25°C ($\Omega \pm 20\%$)	Maximum Voltage (V_{AC})	Hold Current $I_H(A)$	Trip Current $I_T(A)$	Maximum Current $I_{max}(A)$	Ref. Curie Temperature (°C)
CJ4-R15-480NL-B	0.15	48	4.0	8.0	20	130
CJ4-OR2-480NL-B	0.2	48	3.5	7.0	18	130
CJ4-OR3-480NL-B	0.3	48	3.0	6.0	16	130
CJ4-1R0-251NLAB	1.0	250	1.8	3.6	10	120
CJ4-1R0-251NLBB	1.0	250	1.5	3.0	10	90
CJ4-1R0-251NLCB	1.0	250	1.4	2.8	10	80
CJ4-3R0-381NLAB	3.0	380	1.0	2.0	8	120
CJ4-3R0-381NLBB	3.0	380	0.9	1.8	8	90
CJ4-3R0-381NLCB	3.0	380	0.85	1.7	8	80
CJ4-5R0-501NLAB	5.0	500	0.8	1.6	6	120
CJ4-5R0-501NLBB	5.0	500	0.7	1.4	6	90
CJ4-5R0-501NLCB	5.0	500	0.65	1.3	6	80

Notes:

Maximum Voltage = Maximum voltage the device can withstand without damage.

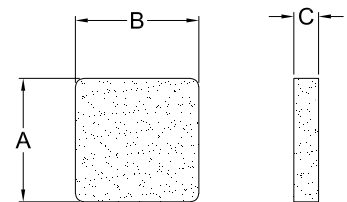
Hold Current = Maximum current the device will conduct without interruption at 25°C in still air unless otherwise specified.

Trip Current = Minimum current at which the device switches from low resistance to high resistance at 25°C in still air unless otherwise specified.

Maximum Current = Maximum current the device can withstand without damage.

Product Dimensions (mm)

Part Number	Maximum Dimensions		
	A	B	C
CJ4-R15-480NL-B	30	30	1.5
CJ4-OR2-480NL-B	30	30	1.5
CJ4-OR3-480NL-B	30	30	1.5
CJ4-1R0-251NLAB	30	30	2.2
CJ4-1R0-251NLBB	30	30	2.2
CJ4-1R0-251NLCB	30	30	2.2
CJ4-3R0-381NLAB	30	30	2.2
CJ4-3R0-381NLBB	30	30	2.2
CJ4-3R0-381NLCB	30	30	2.2
CJ4-5R0-501NLAB	30	30	2.2
CJ4-5R0-501NLBB	30	30	2.2
CJ4-5R0-501NLCB	30	30	2.2



Part Number Code

CJ 4 - R15 - 480 NL -B
 1 2 3 4 5 6

1. Series Code: CJ Series

2. Body Type: 4 = Bare Rectangle

3. Resistance @ 25°C ($\Omega \pm 20\%$):

2 significant digits + multiplier

e.g. 0.15 Ω = R15

4. Max. Voltage (V_{AC}): 2 significant digits + multiplier
 e.g. 48V = 480

5. Leads: NL = No Lead

6. Control Code

Note: The information contained in this catalog has been carefully reviewed and is believed to be accurate. However, due to the possibility of unforeseen inaccuracies, no responsibility is assumed.



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