



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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- Heaters
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- Temperature Sensors
- Thermal Cutoffs

- Thermistors & Probes
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 - > E-I Matched Bead Thermistors
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 - > ISO-Curve Glass Bead and Glass Probe Thermistors
 - > Linear Thermistor Network (LTN)
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 - > Resistance-Temperature Conversion Tables

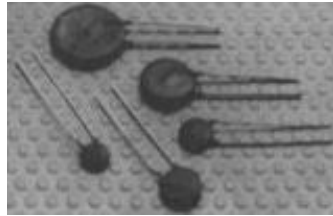
- Thermostats

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Honeywell Sensing and Control

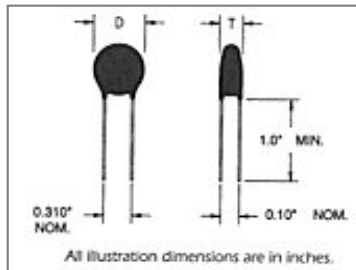
ICL Inrush Current Limiters



Honeywell ICL Inrush Current Limiters are a cost-effective way of limiting the Inrush of current that can damage components in a switching power supply and other power devices when the equipment is turned on.

Features

- PC board mountable
- Rugged design
- Solderable leads
- High quality
- Low cost



→ Inrush Current Limiter Specifications

Parameter	Value
Resistance @ 25 °C, ± 20%	0.5 to 220 Ohms
Maximum Steady State Current	1 to 30 Amperes
Resistance at Maximum Steady State Current	0.01 to 2.34 Ohms
Operating Temperature	-40 °C to 185 °C
Storage Temperature	-40 °C to 220 °C
Lead Pull Strength	1 kg, applied in axial direction
Solderability of Leads	More than 95%
Lead Construction	Straight tinned copper (kinked available)
Coating	Black Silicone
Maximum Diameter	9.5 mm (0.374 inch) to 32.0 mm (1.260 inch)
Maximum Thickness	5.0 mm (0.204 inch) to 8.0 mm (0.327 inch)
Lead Diameter	0.8 mm (0.032 inch) to 1.0 mm (0.040 inch)

Part Number Search

Search the Sensing and Control Interactive Catalog.

Keyword Search

Search for product and support information.

All Sensing & Control

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R-T Conversion

→ **Standard I CL Specifications (Part I)**

Part Number	Resistance at 25 °C (Ohms)	Max. Steady State Current (Amperes)	Resistance @ Max. Steady State Current (Ohms)
ICL32OR530-01	0.5	30	0.01
ICL22IR020-01	1	20	0.02
ICL32IR030-01	1	30	0.02
ICL222R018-01	2	18	0.03
ICLI52R508-01	2.5	8	0.07
ICL222R508-01	2.5	8	0.06
ICL222R515-01	2.5	15	0.03
ICLI55R006-01	5	6	0.1
ICL155R007-01	5	7	0.07
ICL1010002-01	10	2	0.3
ICL1010004-01	10	3.2	0.18
ICL1210005-01	10	5	0.13
ICL1510006-01	10	6	0.15
ICL2210008-01	10	8	0.1
ICL1512004-01	12	4	0.26
ICL1516004-01	16	4	0.27
ICL1220002-01	20	2	0.5
ICL1240002-01	40	2	0.6
ICL1250002-01	50	2	0.72
ICL1580003-01	80	2.5	0.75
ICL2212103-01	120	3	0.9
ICL1522102-01	220	2	0.8

→ **Standard I CL Specifications (Part II)**

Part Number	"D" Max. Coated Diameter (mm)	"T" Max. Coated Thickness (mm)	Lead Diameter (mm)
ICL32OR530-01	32	8	1
ICL22IR020-01	22	6	1
ICL32IR030-01	32	6	1
ICL222R018-01	22	6	1
ICLI52R508-01	15	6	0.8
ICL222R508-01	22	6	1
ICL222R515-01	22	6	1
ICLI55R006-01	15	6	0.8
ICL155R007-01	15	6	0.8
ICL1010002-01	9.5	5	0.5
ICL1010004-01	9.5	5	0.5
ICL1210005-01	11.5	5	0.8
ICL1510006-01	15	6	0.8
ICL2210008-01	22	6	1
ICL1512004-01	15	6	0.8
ICL1516004-01	15	6	0.8
ICL1220002-01	11.5	5	0.8
ICL1240002-01	12	5	0.8
ICL1250002-01	11.5	5	0.8

ICL1580003-01	15	6	0.8
ICL2212103-01	22	6	1
ICL1522102-01	15	5	0.8

Custom designs are available to meet the specific needs of your unique application.