

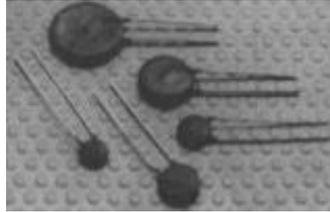
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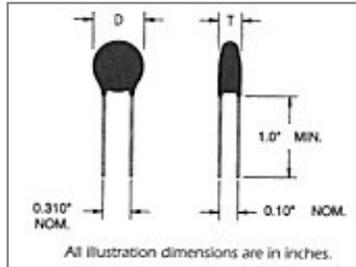
ICL Inrush Current Limiters



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.

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→ **Standard ICL 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 ICL 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

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