

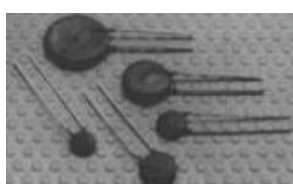
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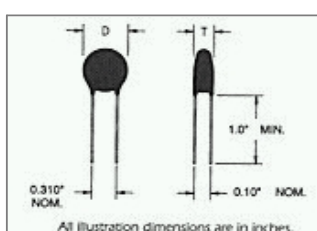
ICL Inrush Current Limiters



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)

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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