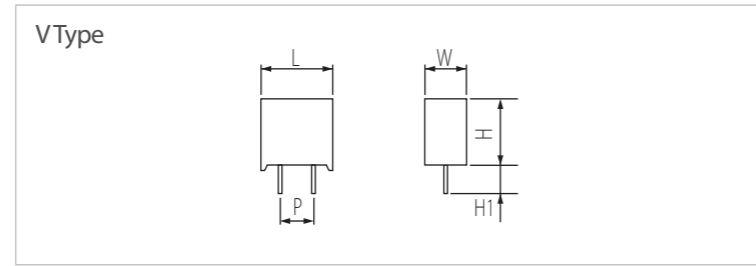


The ICL protector the circuit of TV, Monitor and so on from damage like as inrush current when the electronic appliances are just turned on.

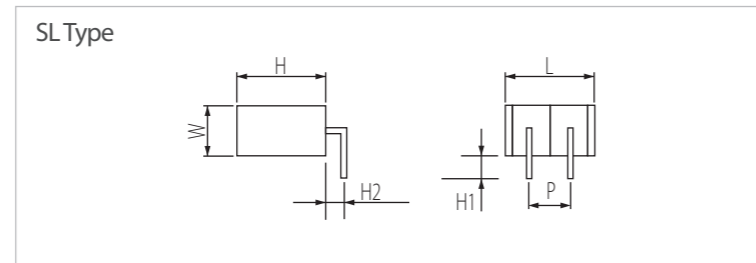
● Features

- Effective inrush current control
- Electric stability
- Heat generation
- Safety for fever

● Dimension



Dimension (mm)						Remarks
L±0.5	W±0.5	H±0.5	H1	P±1.0	Φd±0.1	
14.0	8.0	14.0	4.0±0.5	7.5	0.8	V-
			3.5±0.4			V2



Dimension (mm)						
L±0.5	W±0.5	H±0.5	H1±0.4	H2±1.0	P±1.0	Φd±0.1
14.0	8.0	14.0	3.5	3.0	7.5	0.8

● Type Designation

ICL	05	V-	2R50	M
Products Code	Appearance Size	Style	Nominal Resistance	Resistance Tolerance
	05 : 14mm×14mm×8mm	V- : Vertical Type SL : Vertical Lead Forming Type	2R50 : 2.5Ω 3R00 : 3Ω 5R00 : 5Ω 8R00 : 8Ω 15R00 : 15Ω	M : ±20

● Characteristic

Part Number	Resistance at 25°C (Ω)	Max. Steady State Current (A)	Thermal Dissipation Constant (mW/°C)	Normal B Constant, ±10% (25/50°C, K)	Max. Capacitance (μF)	
					AC 120V	AC 240V
2.5Ω	2.5	4.5	25	2500	2400	600
3Ω	3.0	4		2600		
5Ω	5.0	3		2600		
8Ω	8.0	2		2800		
15Ω	15.0	1		2900		

● Performance

Test Items	Performance Requirements	Test Methods
Max. Steady State Current	To meet the specified value	The Max. allowable current at loading to max operating temperature in 25°C ambient.
Thermal Dissipation Constant	To meet the specified value	Products used to raise the temperature 1°C means power.
B Value	To meet the specified value	T1:25°C/T2:50°C, R1:T1 resistor/R2:T2 resistor $= \frac{\ln(R_2/R_1)}{1/(273.15+T_2)-1/(273.15+T_1)}$
High Temperature Storage	Within ±(15%+0.1Ω)	125±3°C, 1,000±48hr, It should be measured after over 1hr in ambient.
Low Temperature Storage	Within ±(15%+0.1Ω)	-20±3°C, 1,000±48hr, It should be measured after over 1hr in ambient.
Current Life Test	Within ±(15%+0.1Ω)	Max. steady state current, 15sec, 2,000cycle