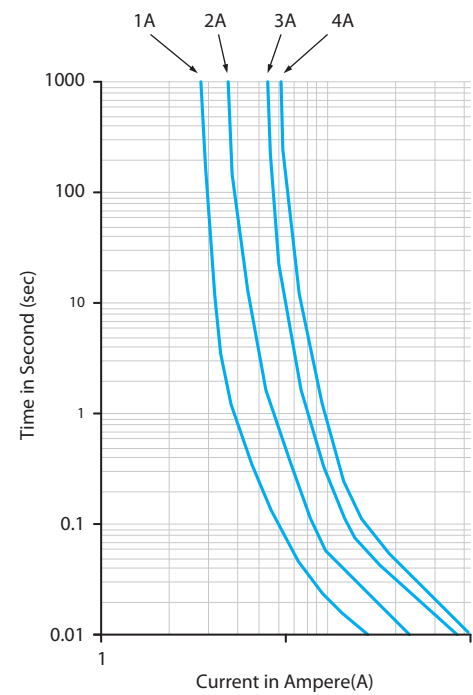


ICP is a kind of multi-functional Protector:
ICP can limit inrush current which is generated at the moment when power is on, and ICP cuts off over-current like fuse in case of abnormal condition.

● Features

- Effective control of inrush current.
- Quick cut-off time (like fuse)
- Stable against repeated surge voltage.
- Diminishing space for convenient use and auto-insertion.

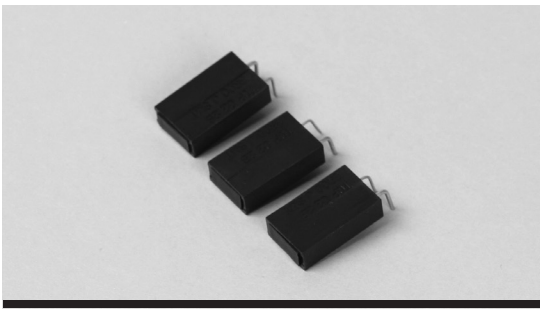
● I-T Curve



● Performance

Test Items	Performance Requirements	Test Methods
Resistance	Within specified tolerance	Measuring resistance at 25°C
Current Test	% of Ampere Rating	Open time
	Under 2A / 400%	5sec, Max
	Above 2A / 300%	
T.C.R	Within 4,500±1,500 PPM/°C	+25°C / +125°C

Specification given here in may be changed at any time without prior notice. Please confirm technical specifications before you order or use.

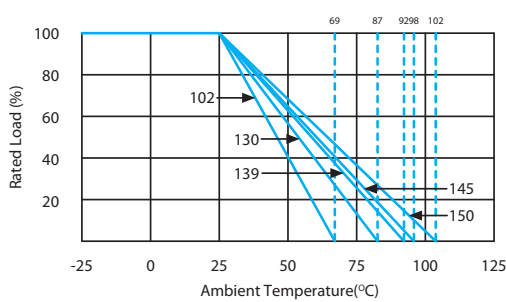


TCP is resistor that its resistance material is metal alloy wire wound on ceramic core, then connected with Thermal fuse and this object with terminals inserted into the ceramic case which has good thermal conductivity.

● Features

- Excels in surge withstanding capability
- Suitable for the prevention of inrush current for switching regulations.
- The dispersion in fusing characteristics has been minimized and assure high stability performance
- Respond quickly to over loading as well as ' external overheating

● Derating Curve



● Performance

Test Items	Performance Requirements	Test Methods
DC Resistance	Within specified tolerance	Measuring resistance at 25 °C
T.C.R	Under ±400 PPM/°C	+25 °C / +100°C (Difference from thermistor fuse a availability)
Resistance Against Soldering Test	± (2% + 0.05Ω)	260 ± 5 °C, 2~2.5mm, 10 ± 1sec, Measure resistance after 1hour at room temp.
Load Life in Moisture	± (5% + 0.1Ω)	40±2°C, 90~95%RH, 1.5hr ON / 0.5hr OFF cycle, 1,000hr
Load Life in Temperature	± (5% + 0.1Ω)	70±2°C, 1.5hr ON / 0.5hr OFF cycle, 1,000hr

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