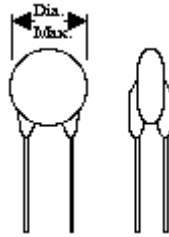


## PTC Over Current Protector- 120 °C

PTC Over Current Protectors are used in series to protect electronic circuits when an over current condition develops. When a fault develops in a circuit leading to an over current condition, The PTC Thermistor switches from its low resistance state to a very high resistance state (this can be several decades of change) reducing the current flow to a very low and safe level.



### PTC Over Current Protector- 120 °C Switching Temperature

Part Number	$\Omega$ @ 25°C +/- 20%	Max. Continuous Current (Amps)	Min. Switching Current (Amps)	Maximum Voltage	Maximum Diameter
WC8004DA0R8	0.8	1.0	2.00	12	0.80"
WC6004DA1R0M	1.0	0.75	1.50	15	0.65"
WC5504DA1R5M	1.5	0.60	1.20	20	0.60"
WC5504DA2R0M	2.0	0.50	1.00	25	0.60"
WC4004DA5R0M	5.0	0.25	0.50	25	0.45"
WC4004DA7R5M	7.5	0.22	0.45	50	0.45"
WC4004DA100M	10.0	0.19	0.40	50	0.45"
WC4004DA150M	15.0	0.15	0.30	50	0.45"
WC3005DA200M	20.0	0.12	0.25	50	0.35"
WC4006DA100M	50.0	0.080	0.16	50	0.45"
WC3505DA750M	75.0	0.065	0.14	50	0.40"
WC3505DA101M	100.0	0.055	0.12	50	0.40"
WC2505DA101M	200.0	0.035	0.080	75	0.28"

## Definitions

### **Maximum Continuous Current (Imcc)**

The maximum amount of current which a PTC Thermistor must be able to pass without switching into its high resistance state. Expressed in Amps.

### **Minimum Switching Current (Imsc)**

The Minimum amount of current necessary to switch the thermistor into its high resistance state. Expressed in Amps.