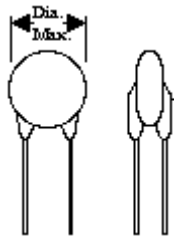
PTC Over Current Protector- 135 °C

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- 135 °C Switching Temperature

Part Number	Ω @ 25°C +/- 20%	Max. Continuous Current (Amps)	Min. Switching Current (Amps)	Maximum Voltage	Maximum Diameter
WC4504DQ5R0M	5.0	0.32	0.70	25	0.45"
WC4504DQ7R5M	7.5	0.28	0.60	50	0.45"
WC3004DQ100M	10.0	0.22	0.45	50	0.30"
WC3004DQ150M	15.0	0.17	0.35	50	0.30"
WC2805DQ200M	20.0	0.14	0.30	50	0.28"
WC2805DQ350M	35.0	0.10	0.20	50	0.28"
WC2806DQ500M	50.0	0.085	0.18	50	0.28"
WC2806DQ750M	75.0	0.075	0.15	50	0.28"
WC2806DQ101M	100.0	0.055	0.12	75	0.28"
WC2808DQ201M	200.0	0.035	0.08	150	0.28"
WC2808DQ501M	500.0	0.028	0.055	150	0.28"
WC2808DQ102M	1000.0	0.018	0.04	150	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.