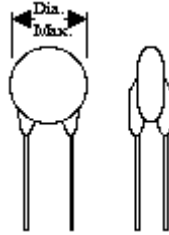


PTC Over Current Protector- 110 °C

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- 110 °C Switching Temperature

Part Number	Ω @ 25°C +/- 20%	Max. Continuous Current (Amps)	Min. Switching Current (Amps)	Maximum Voltage	Maximum Diameter
WC6510DB5R0M	5.0	0.36	0.72	132	0.65"
WC6010DB7R5M	7.5	0.30	0.60	132	0.60"
WC5510DB100M	10.0	0.24	0.50	132	0.55"
WC5510DB150M	15.0	0.20	0.42	132	0.55"
WC4509DB200M	20.0	0.16	0.35	132	0.45"
WC4009DB300M	30.0	0.11	0.25	132	0.40"
WC3508DB500M	50.0	0.085	0.18	132	0.35"
WC3008DB750M	75.0	0.065	0.14	175	0.30"
WC3008DB101M	100.0	0.055	0.12	175	0.30"
WC3008DB151M	150.0	0.045	0.095	175	0.30"
WC2509DB251M	250.0	0.037	0.075	250	0.27"
WC2209DB501M	500.0	0.025	0.050	250	0.27"
WC2209DB102M	1000.0	0.017	0.037	300	0.27"

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.