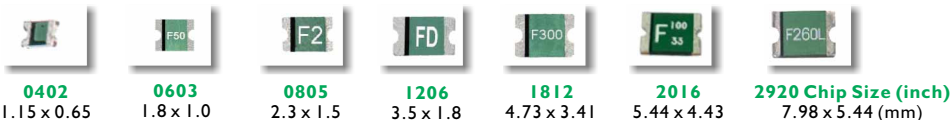


PTC RESETTABLE FUSES - PRODUCT SELECTION GUIDE

How Does The Resettable Fuse Work?

Resettable fuses are designed and made of patented novel polymeric PTC material in thin chip form. With electrodes and leads attached on both sides, it is placed in series to protect a circuit. At "normal operating condition" the device remains at an extremely low resistance (milli-ohms) and allows the electrical current to flow through it without any restriction. When over current conditions occur, the polymeric PTC material heats up and its resistance increases sharply. Such a sharp resistance increase (to an insulated status) cuts off the current in the circuit, and consequently protects the element and device in the circuit. Upon fault current being removed, the resettable fuse cools and its resistance drops to the original extremely low value. The resettable fuse is "reset" and allows the current through the circuit again.

PTC RESETTABLE FUSES - SURFACE MOUNT



Part Number	Chip Size	Hold Current	Trip Current	Voltage Range	Max Current
FSMD...-0603R	0603	10mA to 200mA	30mA to 450mA	60VDC to 9VDC	40A
FSMD...-0805	0805	100mA to 1A	300mA to 1.95A	24VDC to 6VDC	100A
FSMD...-1206	1206	50mA to 2A	150mA to 3.5A	60VDC to 6VDC	100A
FSMD...-1812	1812	100mA to 3A	300mA to 5A	60VDC to 6VDC	100A
FSMD...-2016	2016	300mA to 2A	600mA to 4.2A	60VDC to 6VDC	100A
FSMD...-2920	2920	300mA to 7A	600mA to 14A	60VDC to 6VDC	100A

Low Rho SMD resettable fuse features over regular SMD resettable fuses:

- Ultra Low Resistance
- Higher Hold Current
- Faster Time to Trip
- Less Voltage Drop
- Lower Power Consumption

Part Number	Chip Size	Hold Current	Trip Current	Voltage Range	Max Current
FSMD...-0402RZ	0402	100mA to 500mA	300mA to 1A	6VDC	100A
FSMD...-0603RZ	0603	250mA to 1A	550mA to 1.8A	9VDC to 6VDC	100A
FSMD...-0805RZ	0805	750mA to 3.5A	1.5A to 7A	6VDC	100A
FSMD...-1206RZ	1206	500mA to 7A	1.5A to 14A	6VDC	100A

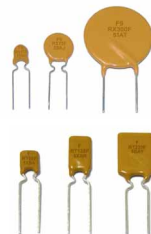
Packaging Notes: Products supplied on tape / reel.

Approvals:

PTC RESETTABLE FUSES - PCB MOUNT RADIAL LEAD



Part Number	Hold Current	Trip Current	Voltage Range	Max Current
FRX...-60F	50mA to 3.75A	100mA to 7.5A	60VDC	40A
FRX...-90F	100mA to 3.75A	200mA to 7.5A	90VDC	40A
FRU...-30F	900mA to 9A	1.8A to 18A	30VDC	100A
FUSB..	750mA to 2.5A	1.3A to 5A	30VDC to 16VDC	40A
FRG..	2.5A to 14A	4.7A to 23.8A	16VDC	100A
FRH...V	80mA to 400mA	160mA to 1A	60VDC to 250VDC	3A to 10A
FRT..	500mA to 2.5A	1.1A to 4A	36VDC	40A
FRV..	50mA to 2A	120mA to 4A	240VAC/VDC	1A to 20A
FRVL..	100mA to 3.75A	200mA to 7.5A	120VAC/VDC	2A to 20A
FHT..	500mA to 15A	900mA to 28A	30VDC to 16VDC	40A to 100A
FHE..	500mA to 10A	1A to 20A	32VDC	100A



Packaging Notes: Bulk pack.

Approvals: