



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PTC THERMISTORS: TYPE PTSM

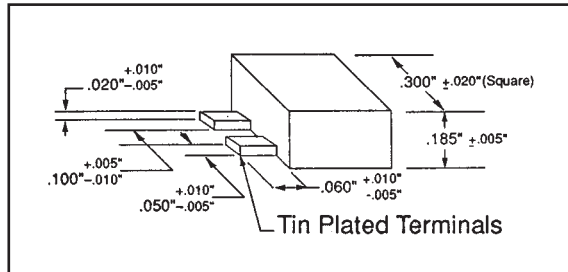
OVER-CURRENT PROTECTION

DESCRIPTION:

Surface mount, PTC disc thermistor for over-current and short-circuit protection

FEATURES:

- Molded epoxy encapsulated housing with tin plated terminals
- Suitable for wave and reflow soldering
- Available in a broad range of resistances, and voltage ratings
- Exhibits large positive increases in resistance with temperature
- Wide range of trip and non-trip currents; from 50mA to 550mA
- Resistance/temperature characteristic is infinitely repeatable and has no hysteresis associated with its action
- Available pocket-taped to EIA RS-481



Operating Voltage	Type Number	Ro @ 25°C (Ohms)	Minimum Switch Current		Maximum No-Switch Current	
			0°C	25°C	0°C	25°C
12	PTSM-R050-V12	5.0	0.55	0.49	0.33	0.24
12	PTSM-R100-V12	10	0.39	0.34	0.23	0.17
12	PTSM-R250-V12	25	0.24	0.22	0.15	0.11
12	PTSM-R501-V12	50	0.17	0.15	0.10	0.08
12	PTSM-R102-V12	100	0.12	0.11	0.07	0.05
24	PTSM-R050-V24	5.0	0.55	0.49	0.33	0.24
24	PTSM-R100-V24	10	0.39	0.34	0.23	0.17
24	PTSM-R250-V24	25	0.24	0.22	0.15	0.11
24	PTSM-R501-V24	50	0.17	0.15	0.10	0.08
24	PTSM-R102-V24	100	0.12	0.11	0.07	0.05
50	PTSM-R100-V50	10	0.39	0.34	0.23	0.17
50	PTSM-R250-V50	25	0.24	0.22	0.15	0.11
50	PTSM-R501-V50	50	0.17	0.15	0.10	0.08
50	PTSM-R102-V50	100	0.12	0.11	0.07	0.05
120	PTSM-R501-V120	50	0.17	0.15	0.10	0.08
120	PTSM-R102-V120	100	0.12	0.11	0.07	0.05

OPTIONS:

- Pocket-taped, replace "PTSM" prefix with "PTSB"
- Other resistances
- Other tolerances, other transition temperatures
- Other voltage ratings

DATA:

Dissipation constant:10 mW/°C
Transition temperature:110°C
Time constant:80sec

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