



PTC THERMISTORS: YSC

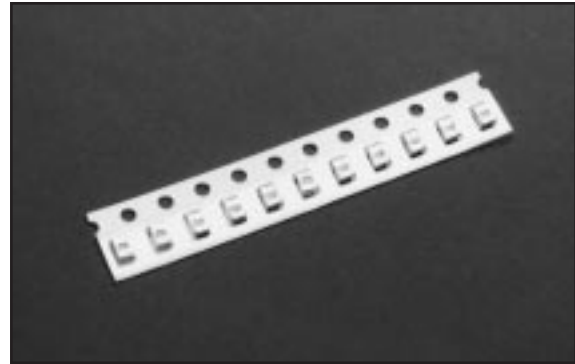
OVER-TEMPERATURE PROTECTION

DESCRIPTION:

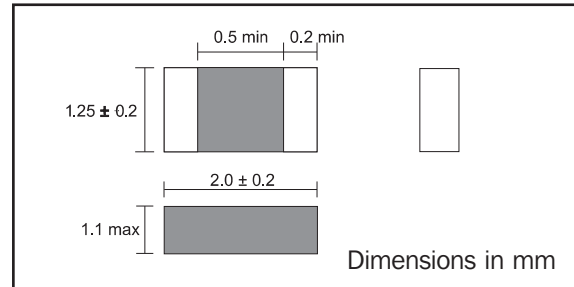
A range of 0805 size surface mount PTC chip thermistors.

FEATURES:

- Intended for over-temperature protection in surface mount applications
- 3-sided electrodes
- Nickel-Vanadium barrier
- Excellent solderability without 'tombstoning'
- Suitable for standard wave and reflow soldering techniques, and for use with conductive adhesives
- Switch temperatures 60 to 130°C
- Typical applications include dc-dc converters, automotive airbag systems



DIMENSIONS:



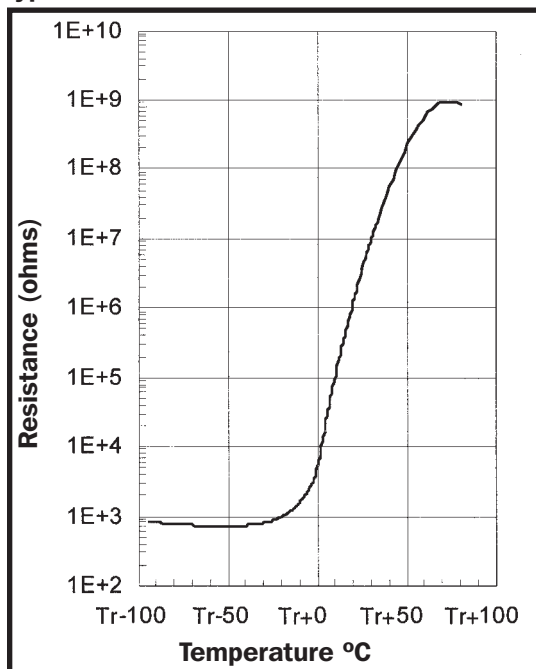
DATA:

Temperature °C	Resistance Ω	Measurement voltage V d.c.
25	<= 1k	2.5
Tr - 5	<= 5.5k	2.5
Tr + 5	>= 13.3k	2.5
Tr + 15	>= 40k	7.5

DATA:

Switch temperatures Tr.....60 to 130°C
Maximum applied voltage25V d.c.
Operating temperatures.....-25 to +150°C (0V)
0 to +70°C (25V)
Electrode plating.....60/40 Sn/Pb solder
Mass13mg
Packing.....3000/reel
(8mm blister tape to IEC 286-3)

Typical characteristic:



CODING:

Switch temperature Tr °C	Code
60	YSC060
70	YSC070
80	YSC080
90	YSC090
100	YSC100
110	YSC110
120	YSC120
130	YSC130