



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 PTD

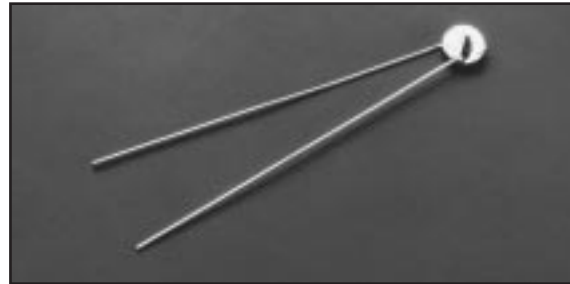
OVER-TEMPERATURE PROTECTION

DESCRIPTION:

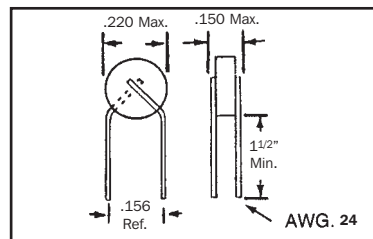
PTC disc thermistor for measurement and control

FEATURES:

- Low cost thermistor disc for limit temperature monitoring
- Well defined resistance and curve ease circuit design
- High sensitivity to small changes in temperature
- Available in a broad range of transition temperatures
- Exhibits large positive increases in resistance with temperature
- Coated devices available
- Resistance/temperature characteristic is infinitely repeatable and has no hysteresis associated with its action
- Available tape and reel to EIA RS-468A



DIMENSIONS:



Type	Transition Temperature	Accuracy Temperature $\pm 5^{\circ}\text{C}$
RL2006-100-30-30-PTD	30°C	45°C
RL2006-100-40-30-PTD	40°C	55°C
RL2006-100-50-30-PTD	50°C	65°C
RL2006-100-60-30-PTD	60°C	75°C
RL2006-100-70-30-PTD	70°C	85°C
RL2006-100-80-30-PTD	80°C	95°C
RL2006-100-90-30-PTD	90°C	105°C
RL2006-100-100-30-PTD	100°C	115°C
RL2006-100-110-30-PTD	110°C	125°C
RL2006-100-120-30-PTD	120°C	135°C

OPTIONS:

- Reel-taped, replace "PTD" suffix with "PDR"
- Coated, replace "PTD" suffix with "PDC"
- Coated and reel-taped, replace "PTD" suffix with "PDCR"
- Other resistances
- Other tolerances, other transition temperatures
- Other voltage ratings

DATA:

Resistance @ 25°C:150Ω max.
Resistance at Accuracy Temperature ($\pm 5^{\circ}\text{C}$)
1000Ω
Max voltage:.....30V
Time Constant:.....20 sec.
Dissipation Constant:2.6 mW/ °C