



PTC THERMISTORS: TYPE PTD

OVER-TEMPERATURE PROTECTION

DESCRIPTION:

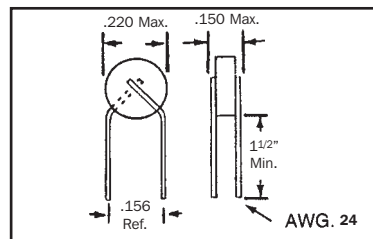
PTC disc thermistor for measurement and control

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

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