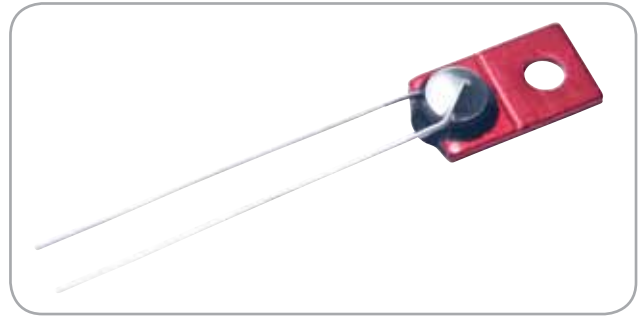




T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

PTC Thermistors: Type PTA

Over-temperature Protection



Description

PTC disc thermistor on tab for temperature sensing.

Features

- Low cost thermistor disc on tab for limit temperature monitoring
- Metal tab for easy mounting
- 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
- Metal tab allows for good thermal coupling and fast response times
- Resistance/temperature characteristic is infinitely repeatable and has no hysteresis associated with its action
- Available tape and reel to EIA RS-468A

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Type Number	Transition Temperature (°C)	Accuracy Temperature (°C ±5°C)
RL2006-100-30-30-PTA	30	45
RL2006-100-40-30-PTA	40	55
RL2006-100-50-30-PTA	50	65
RL2006-100-60-30-PTA	60	75
RL2006-100-70-30-PTA	70	85
RL2006-100-80-30-PTA	80	95
RL2006-100-90-30-PTA	90	105
RL2006100-100-30-PTA	100	115
RL2006-100-110-30-PTA	110	125
RL2006-100-120-30-PTA	120	135

Options

- Reel-taped, replace “PTA” suffix with “PAR”
- Other resistances
- Other tolerances, other transition temperatures
- Other voltage ratings

Data

Resistance @ 25°C:

150Ω max.

Resistance at accuracy temperature (±5°C)

1000Ω

Max voltage

30V

Time Constant

20 sec.

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