



# PTC THERMISTORS: TYPE PTE

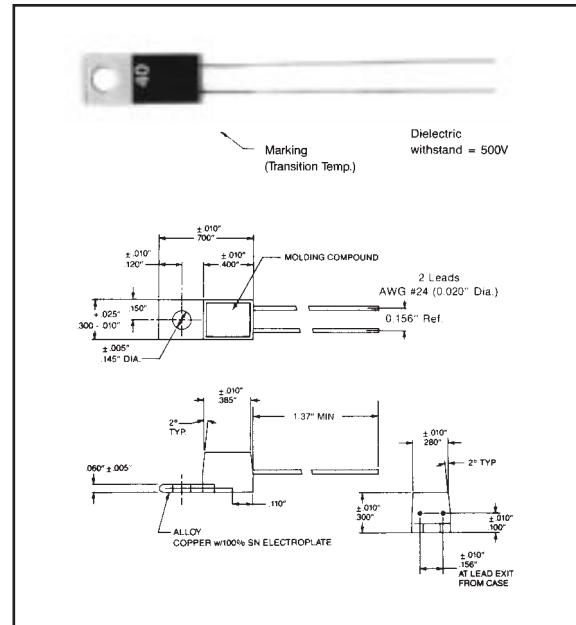
## OVER-TEMPERATURE PROTECTION

### 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
- Molded epoxy housing for added ruggedness and reliability
- Well defined resistance and curve ease circuit design
- 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



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

### OPTIONS:

- Reel-taped, replace "PTE" suffix with "PER"
- 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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