



PTC THERMISTORS: TYPE PTE

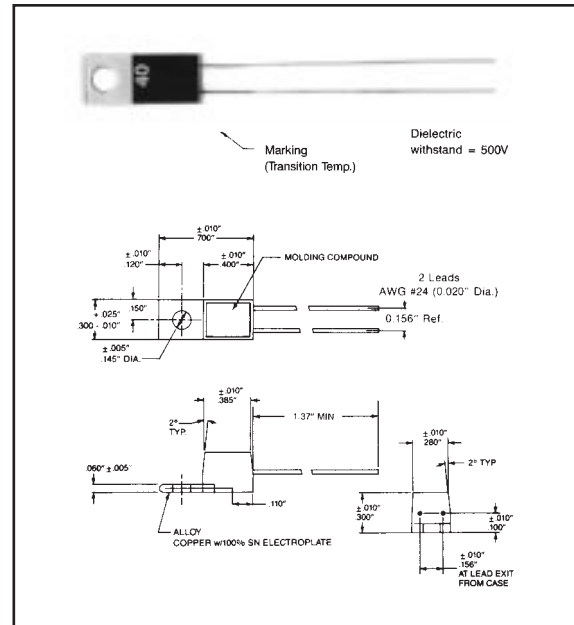
OVER-TEMPERATURE PROTECTION

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
RL2006100-100-30-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.

BOWTHORPE THERMOMETRICS
Crown Industrial Estate, Priorswood Road
Taunton, Somerset TA2 8QY UK
Tel +44 (0) 1823 335200
Fax +44 (0) 1823 332637

THERMOMETRICS, INC.
808 US Highway 1
Edison, New Jersey 08817-4695 USA
Tel +1 (732) 287 2870
Fax +1 (732) 287 8847

KEYSTONE THERMOMETRICS CORPORATION
967 Windfall Road
St. Marys, Pennsylvania 15857-3397 USA
Tel +1 (814) 834 9140
Fax +1 (814) 781 7969