

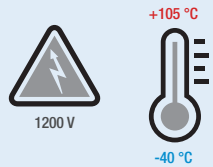


# PTCEL INRUSH CURRENT LIMITING THERMISTORS

## THROUGH-HOLE STANDARD AND HIGH ENERGY BULK CERAMIC PTC THERMISTORS

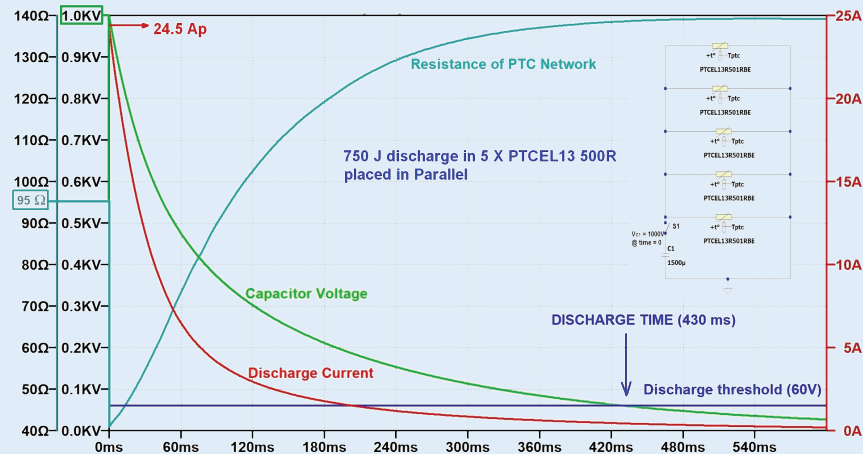
### SPECIAL FEATURES

- Up to 1200 V withstanding
- High energy capability up to 300 J
- AEC-Q200 qualified
- High number of (dis)charge cycles (> 100 000)
- Up to 105 °C ambient temperature
- Self-protected against overheating

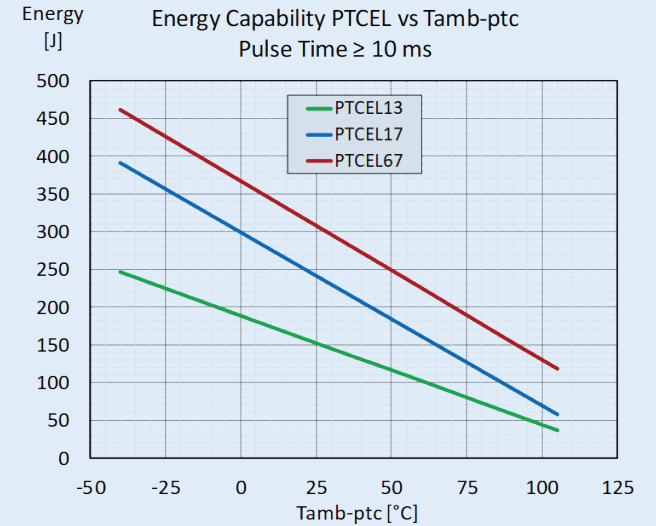
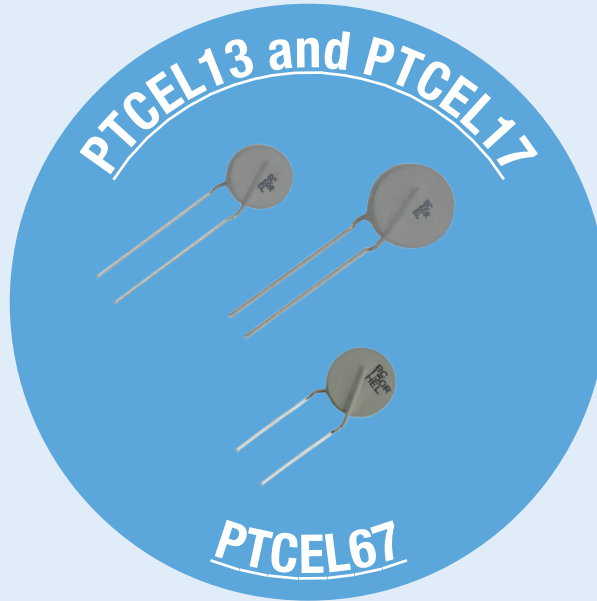


### MULTIPLE DESIGN TOOLS AVAILABLE

- LTspice® models available with Monte Carlo tolerances ([PTCEL standard](#) and [PTCEL67 high energy](#))
- Simulation example on [Explore.Partquest](#)
- 3D models available ([online](#))



[www.vishay.com](http://www.vishay.com)



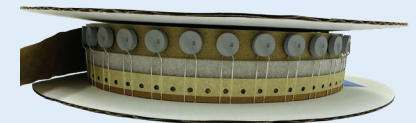
### APPLICATIONS

- AC/DC and DC/DC converters
- Energy dump and DC-Link circuits
- Emergency discharge circuits
- OBC, ESS, BMS charging equipment
- Motor drives
- Welding equipment

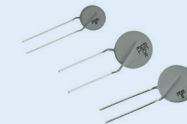


### STANDARD AND CUSTOM OPTIONS

Tape on reel:  
all types



Alternative pitch versions  
standard available:  
5.0 mm - 7.5 mm - 10.0 mm  
leadwire pitch



Custom bended  
leads versions  
available:

