

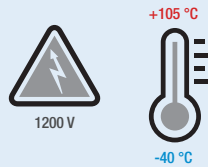


PTCEL INRUSH CURRENT LIMITING THERMISTORS

THROUGH-HOLE STANDARD AND HIGH ENERGY BULK CERAMIC PTC THERMISTORS

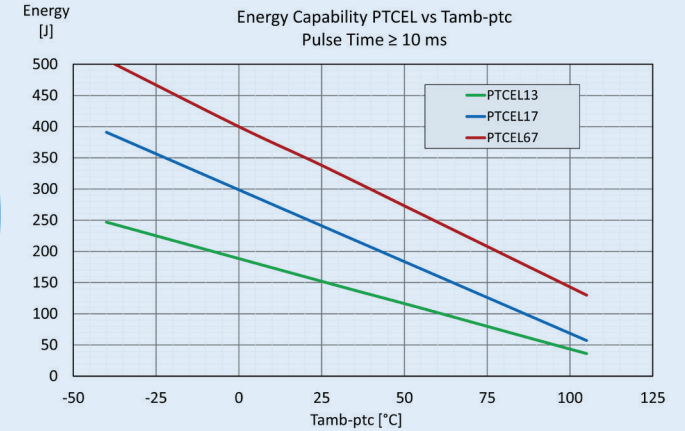
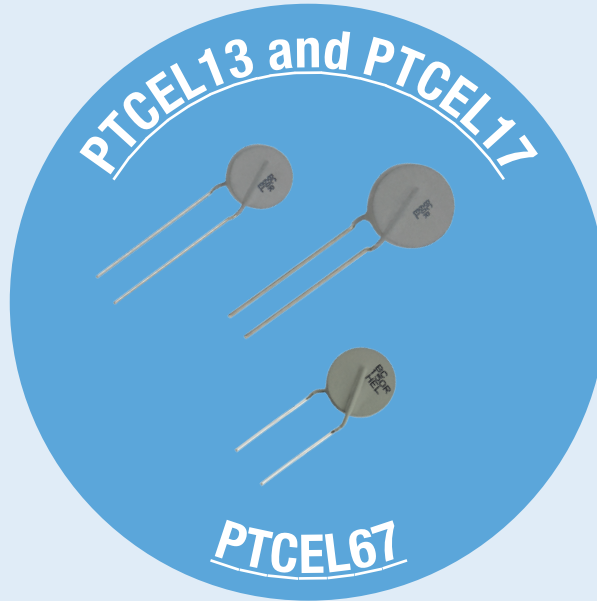
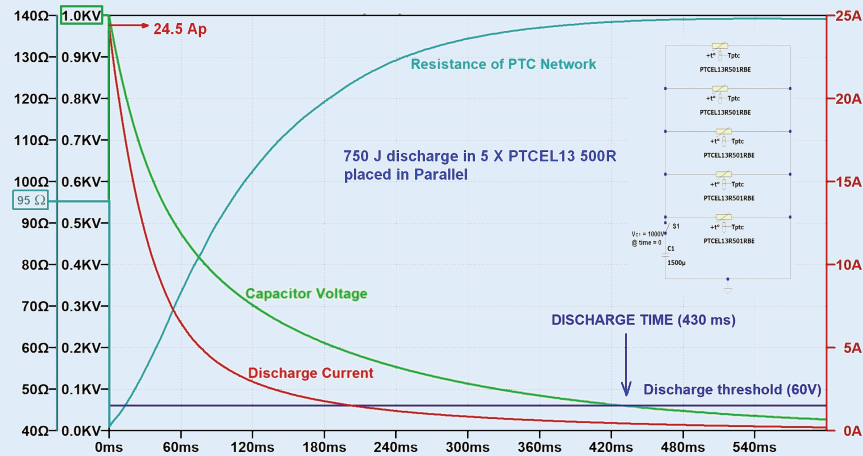
SPECIAL FEATURES

- Up to 1200 V withstanding
- High energy capability up to 340 J
- AEC-Q200 qualified
- High number of (dis)charge cycles (> 100 000)
- Up to 105 °C ambient temperature
- Self-protected against overheating

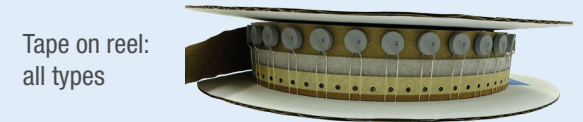


MULTIPLE DESIGN TOOLS AVAILABLE

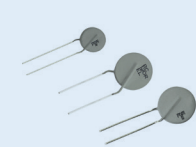
- LTspice® models available with Monte Carlo tolerances ([PTCEL standard](#) and [PTCEL67 high energy](#))
- Simulation example on [Explore.Partquest](#)
- 3D models available ([online](#))



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

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



Custom bended
leads versions
available:

