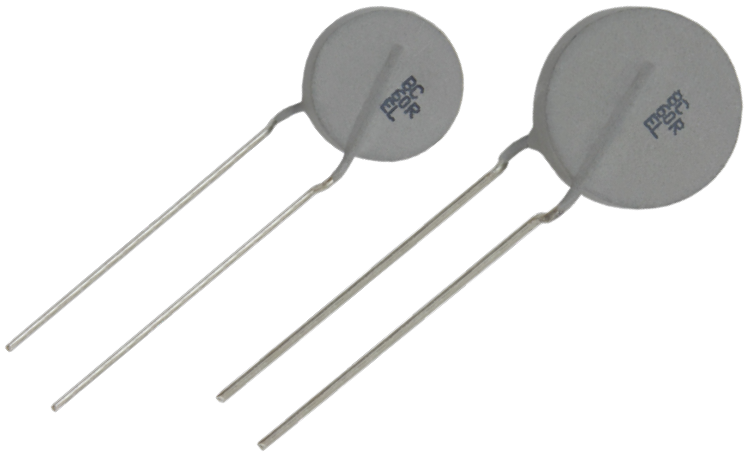
CAPABILITIES AND CUSTOM OPTIONS

PTCEL INRUSH CURRENT LIMITERS

Application Examples	Advantages
• Automotive electronics: BMS, OBC, inverters, DC-link circuits, emergency discharge • Industrial applications: BMS, motor drives, inverters, welding equipment, SMPS	• High energy absorption levels up to 240 J • High number of inrush power cycles: > 100 000 cycles • Highly resistant against non-switching peak powers up to 25 kW • Can handle high direct voltage up to 1000 V • Can handle 2 kV energy-limited peak voltages • Self-protecting in case of overload with no risk of overheating • AEC-Q200 qualified



SPECIALITY DEVICES

Distinctive Features	Applications	Series
• Other R_{25} values in the range of 25 Ω to 1500 Ω • Matched R_{25} values for equally distributed power in multi-PTCEL combinations	• High power and energy storage	PTCEL13R.. PTCEL17R..
• Full AEC-Q200 qualification, PPAP available	• All automotive applications	PTCEL13 PTCEL17

CUSTOM OPTIONS

Capabilities
• Established reliability: 100 000 cycles • Three different sizes: THT EL13 (150 J), EL17 (240 J), EL22 (400 J) • Tape and reel version of PTCEL13..TE • Alternative lead wire pitch of 7.5 mm • Reduced height

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