

Specification Status: Released

Electrical Rating

Voltage: 60V MAX
Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy
Polymer

Lead Material:

20 AWG Tin Plated Copper

Marking:

— Manufacturer's Mark
XX K300 and Part Identification

□□□□ — Lot Identification

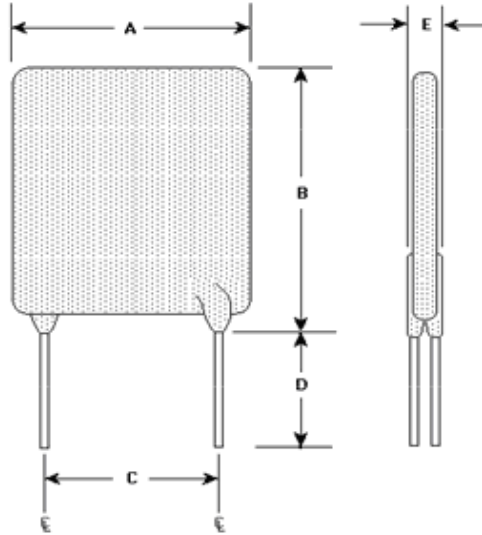


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|---------|--------|--------|-------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 16.5 | -- | 21.2 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.65) | -- | (0.834) | (0.17) | (0.23) | (0.3) | -- | -- | (0.12) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD RATED CURRENT | CURRENT RATINGS | | INITIAL RESISTANCE VALUES | | TIME TO TRIP | ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP | TRIPPED- STATE POWER DISSIPATION |
|----------------------------|----------------------------|-----------------------------------|---------------------------------|------|--------------|--|--|
| | AMPERES AT 20°C HOLD | AMPERES AT 20°C HOLD TRIP | OHMS AT 20°C MIN MAX | | | | |
| 3.0 | 3.0 | 6.0 | 0.03 | 0.05 | 19.8 | 0.08 | 3.2 |

Agency Recognitions: UL, TUV, CSA

Reference Documents: PS300

Precedence: This specification takes precedence over documents referenced herein.

Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION: Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

MATERIALS INFORMATION

ROHS Compliant

ELV Compliant

Pb-Free

Halogen Free*

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant



* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT : RKEF300

DOCUMENT : SCD26930
REV LETTER: E
REV DATE: JULY 26, 2016
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