

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RKEF400

DOCUMENT: SCD27341

REV LETTER: E

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

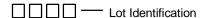
Voltage: 60V MAX
Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

Lead Material:

20 AWG Tin Plated Copper



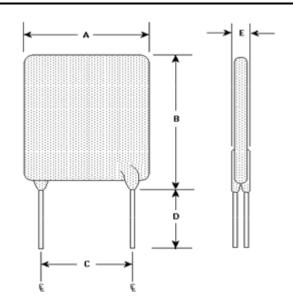


TABLE I. DIMENSIONS:

| | Α | | В | | С | | D | | Е | |
|------|-----|--------|-----|--------|--------|--------|-------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | | 21.0 | | 24.9 | 9.4 | 10.9 | 7.6 | | - | 3.0 |
| in*: | | (0.83) | | (0.98) | (0.37) | (0.43) | (0.3) | | - | (0.12) |

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD RATED CURRENT | CURI RATI | | RESIS | TIAL TANCE UES | TIME TO TRIP | ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP | TRIPPED- STATE POWER DISSIPATION |
|----------------------------|--------------|------|---------|----------------------|--------------|--|--|
| AMPERES | AMPERES | | OHMS | | SECONDS AT | OHMS | WATTS |
| AT 20°C | AT 20°C | | AT 20°C | | 20°C, 20A | AT 20°C | AT 20°C |
| HOLD | HOLD | TRIP | MIN | MAX | MAX | MAX | NOMINAL |
| 4 | 4 | 8 | 0.014 | 0.038 | 24 | 0.06 | 3.7 |

Agency Recognitions: UL, TUV, CSA

Reference Documents: PS300

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

Precedence:

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.



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