

Tyco / Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RUEF400K

DOCUMENT: SCD 25700
 PCN: A98495
 REV LETTER: C
 REV DATE: APRIL 15, 2005
 PAGE NO.: 1 OF 1

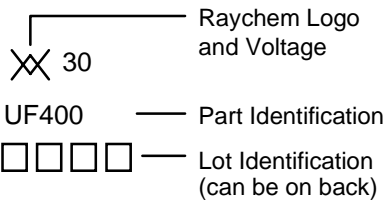
Specification Status: Released

Maximum Electrical Rating at 20°C

30 V_{DC} / 100 A_{DC}
30 V_{AC} / 70 A_{RMS}

Insulating Material:
 Cured, Flame Retardant Epoxy Polymer
 meets UL94 V-0 Requirements

Lead Material:
 20 AWG Tin Plated Copper

Marking:


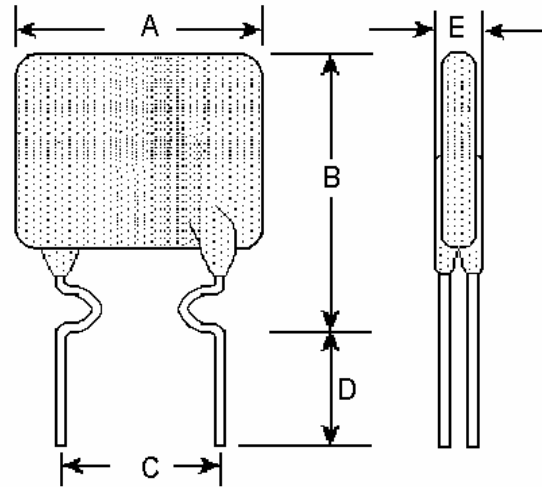


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 14.0 | -- | 21.3 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.55) | -- | (0.84) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD | CURRENT RATINGS | | TIME TO TRIP | RESISTANCE | | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | NOMINAL TRIPPED POWER DISSIPATION |
|----------------|-------------------|-------------------|----------------------------|---------------------|---------------------|---|-----------------------------------|
| AMPS 20°C HOLD | AMPS AT 20°C HOLD | AMPS AT 20°C TRIP | SECONDS AT 20°C, 20.0A MAX | OHMS AT 20.0° C MIN | OHMS AT 20.0° C MAX | OHMS AT 20°C MAX | WATTS AT 20°C |
| 4.00 | 4.00 | 8.00 | 12.7 | 0.01 | 0.03 | 0.05 | 2.5 |

Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA, TUV
 PS300
 This specification takes precedence over documents referenced herein.
 Reference documents shall be the issue in effect on the date of invitation for bid.
 Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame

Materials Information
ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant

