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PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RXEF075

DOCUMENT: SCD 25221 PCN: C46465 REV LETTER: D

REV DATE: AUGUST 16, 2007

PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating Voltage: 72V MAX Current: 40A MAX

Insulating Material:

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

Lead Material:

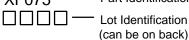
24 AWG Tin Plated Copper

Marking:

Manufacturer's Mark and Voltage

X 72

XF075 — Part Identification



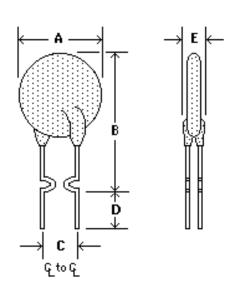


TABLE I. DIMENSIONS:

mm: in*:

| Α | | В | | С | | D | | E | |
|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| | 10.2 | - | 15.2 | 4.3 | 5.8 | 7.6 | | | 3.0 |
| | (0.40) | 1 | (0.60) | (0.17) | (0.23) | (0.30) | | | (0.12) |

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD | I HOLD CURRENT | | INIT | TAL | TIME TO TRIP | ONE HOUR | TRIPPED- | | | | | |
|---------|----------------|------|---------|-------|--------------|------------|------------|--|--|--|--|--|
| RATED | RATED RATINGS | | RESIS | TANCE | | POST-TRIP | STATE | | | | | |
| CURRENT | CURRENT | | VALUES | | | RESISTANCE | POWER | | | | | |
| | | | | | | STANDARD | DISSIPATIO | | | | | |
| | | | | | | TRIP | N | | | | | |
| AMPERES | AMPERES | | OHMS | | SECONDS AT | OHMS | WATTS | | | | | |
| AT 20°C | AT 20°C | | AT 20°C | | 20°C, 3.75A | AT 20°C | AT 20°C | | | | | |
| HOLD | HOLD | TRIP | MIN | MAX | MAX | MAX | NOMINAL | | | | | |
| 0.75 | 0.75 | 1.50 | 0.25 | 0.40 | 6.3 | 0.60 | 0.92 | | | | | |

Agency Recognitions: UL, CSA and TUV

Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b).

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

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant



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