

Specification Status: Released

Electrical Rating

Voltage: 72 V max (AC or DC)
Current: 40 A max (AC or DC)

Insulating Material:

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

Lead Material:

24 AWG Tin Plated Copper

Marking:

— Manufacturer's Mark
XX X50 and Part Identification

□□□□ — Lot Identification

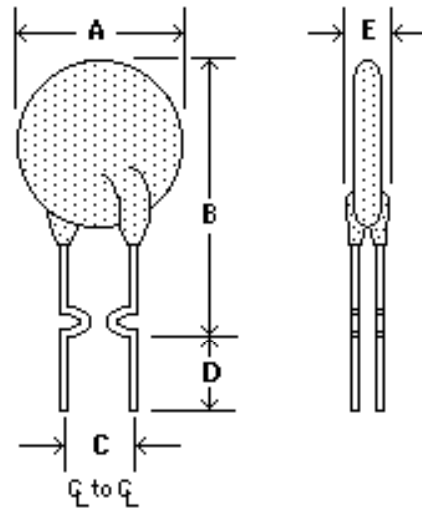


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 7.9 | -- | 13.7 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.31) | -- | (0.54) | (0.17) | (0.23) | (0.30) | -- | -- | (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 | OHMS AT 20°C MAX | | | SECONDS AT 20°C, 2.5A MAX | OHMS AT 20°C MAX |
| 0.50 | 0.50 | 1.00 | 0.50 | 0.77 | 4.0 | 1.17 | 0.77 | 1.29 |

Agency Recognitions:

UL, CSA, TUV, CQC

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: RXEF050

DOCUMENT: SCD25219
REV LETTER: J
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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