

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF017

DOCUMENT: SCD25214 REV LETTER: H REV DATE: DECEMBER 06, 2011 PAGE NO.: 1 OF 1

## **Specification Status: Released**

Electrical Rating Voltage: 60V MAX Current: 40A MAX Insulating Material: Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements Lead Material: 24 AWG Tin Plated Copper Clad Steel Marking: Manufacturer's Mark  $\times$  X17 and Part Identification գտգ Lot Identification TABLE I. DIMENSIONS: в С D E MAX MIN MIN MIN MAX MAX MIN MAX MIN MAX 7.4 12.7 4.3 5.8 7.6 3.0 mm: --------(0.29) (0.50)(0.17)(0.30) in\*: (0.23)---------(0.12)--\*Rounded off approximation TABLE II. PERFORMANCE RATINGS: I HOLD CURRENT INITIAL TIME TO TRIP ONE HOUR TRIPPED- STATE RATED RATINGS RESISTANCE POST-TRIP POWER CURRENT VALUES RESISTANCE DISSIPATION STANDARD TRIP AMPERES AMPERES OHMS SECONDS AT OHMS WATTS WATTS AT 20°C AT 20°C AT 20°C 20°C, 0.85A AT 20°C AT 20°C AT 20°C HOLD HOLD TRIP MIN MAX MAX NOMINAL MAX MAX 0.17 0.17 0.34 3.30 5.21 3.0 8.00 0.48 0.67 Agency Recognitions: UL, CSA, TUV 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** Halogen Free\* **Pb-Free** Directive 2000/53/EC Directive 2002/95/EC Compliant Compliant \* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm. © 2005, 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All rights reserved.