

Menlo Park, CA USA

www.circuitprotection.com

308 Constitution Drive

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RKEF500

DOCUMENT: SCD27342 REV LETTER: E REV DATE: MARCH 12, 2013 PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating Voltage: 60V MAX Current: 40A MAX **Insulating Material:** Cured, Flame Retardant Epoxy Polymer Lead Material: 20 AWG Tin Plated Copper Marking: Manufacturer's Mark XK500 and Part Identification Lot Identification **TABLE I. DIMENSIONS:** С D F в MIN MAX MIN MAX MIN MAX MIN MAX MIN MAX 24.1 29.0 9.4 10.9 7.6 3.0 mm: --------in*: (0.95)(1.14)(0.37)(0.43)(0.3)---(0.12)*Rounded off approximation **TABLE II. PERFORMANCE RATINGS :** I HOLD CURRENT INITIAL TIME TO TRIP ONE HOUR TRIPPED-RESISTANCE RATED RATINGS POST-TRIP STATE VALUES CURRENT RESISTANCE POWER **STANDARD** DISSIPATION TRIP AMPERES AMPERES OHMS SECONDS AT OHMS WATTS AT 20°C 20°C. 25A AT 20°C AT 20°C AT 20°C AT 20°C HOLD HOLD TRIP MAX MAX NOMINAL MIN MAX 5.0 0.012 0.030 28 0.05 5.0 10.0 5 Agency Recognitions: UL, TUV, CSA **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*

* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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