## PolySwitch® PRODU 308 Constitution Drive PTC Devices DOCUMI 308 Constitution Drive Overcurrent Protection Device DOCUMI Menlo Park, CA 94025-1164 Phone: 800-227-4856 Raychem Circuit Protection Products DATE

www.circuitprotection.com

## PRODUCT: LR4-600XF

DOCUMENT: SCD 26452 REV LETTER: C REV DATE: APRIL 14, 2010 PAGE NO.: 1 OF 1

**Specification Status: Released** Electrical Rating Voltage: 20V MAX Current: 100A MAX Chip Size: 7 X 28.6mm Leads: Nickel 1/4H 0.125mm nominal thickness Tape: Polyester (White) 29.6mm Width Solder: Lead-free ORIENTATION MARK (Blue) Marking: (Color: Green) Manufacturer's Mark **X**€60 - Part Identification - || |- Lot Identification **TABLE I. DIMENSIONS:** В С D Е F MIN MAX MIN MAX MIN MAX MIN MAX MIN MAX MIN MAX 40.5 42.7 6.9 7.5 0.6 1.0 5.2 6.8 4.9 Mm: 5.2 6.8 5.1 (0.27) (0.02) (0.03) (0.20) (0.26) (0.20) (0.20)In\*: (1.59) (1.68) (0.29)(0.26) (0.19) \*Rounded off approximation TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips Model BU-75K. CURRENT TRIP LIMITS TIME TO REFERENCE ONE-HOUR I HOLD TRIPPED-TRIP POST-TRIP RESISTANCE STATE RESISTANCE POWER DISSIPATION SECONDS AT OHMS OHMS AMPS AMPS AMPS AMPS AMPS WATTS AT AT 0°C AT 20°C AT 60°C AT --°C 20°C,30.0A AT 20°C 20°C AT 20°C 20°C, 20V HOLD HOLD TRIP HOLD TRIP TRIP HOLD TRIP TYP TYP MAX MAX HOLD MAX MIN MAX MIN 0.007 0.014 0.007 0.019 6.0 13.9 6.0 11.7 4.4 8.5 2.8 7.1 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 Directive 2002/95/EC Directive 2000/53/EC Compliant Compliant © 2005-2010 Tyco Electronics Corporation. All rights reserved