PolySwitch® PRODUCT: RGEF900-1 **//_** Littelfuse **PTC Devices** DOCUMENT: SCD26309 REV LETTER: D **Overcurrent Protection Device REV DATE: JULY 26,2016** Expertise Applied Answers Delivered PAGE NO.: 1 OF 2 **Specification Status: Released** Е A **Electrical Rating** Voltage: 16V MAX Current: 100A MAX Insulating Material: В Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements Lead Material: 20 AWG Tin Plated Copper (0.81mm [0.032] nom. diameter) Marking: Manufacturer's Mark \Box XX G9 and Part Identification F Lot Identification Ç **TABLE I. DIMENSIONS:** С D F В F Α MIN MAX MIN MAX MIN MAX MIN MAX MIN MAX TYP mm: 13.0 14.0 16.8 21.7 4.3 5.8 25.4 2.0 3.0 1.2 (0.55) (0.85) (0.17)(0.23)(0.08) in*: (0.51) (0.66)(1.0)--(0.12)(0.05)*Rounded off approximation **TABLE II. PERFORMANCE RATINGS:** I HOLD CURRENT INITIAL TIME TO TRIP TRIPPED- STATE R_{1 MAX} RATED RATINGS RESISTANCE POWER 1 HR. POST TRIP CURRENT VALUES DISSIPATION RESISTANCE STANDARD TRIP AMPS AMPS OHMS SECONDS AT OHMS WATTS AT 25°C AT 25°C AT 25°C 25°C, 45.0 A AT 25°C AT 25°C MAX HOLD HOLD TRIP MIN MAX MAX TYP 9.0 9.0 15.3 0.0047 0.0091 5.5 0.0135 3.3 UL, CSA, TUV Agency Recognitions: 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 2000/53/EC Directive 2002/95/EC Compliant Compliant Br+Cl≤1500ppm.



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