

PolySwitch®

PRODUCT: RHEF400

PTC Devices

DOCUMENT: SCD25204 REV LETTER: F REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

## **Specification Status: Released** Electrical Rating A Ε Voltage: 16V<sub>DC</sub> MAX Current: 100A MAX Insulating Material: Cured, Flame Retardant Epoxy Polymer В meets UL94 V-0 Requirements Lead Material: 20 AWG Tin Plated Copper (0.8 mm [0.032] nom. diameter) Marking: Manufacturer's Mark D and Part Identification $\times$ H4 Lot Identification TABLE I. DIMENSIONS: С R D Е F Α MIN MAX MIN MAX MIN MAX MIN MAX MIN MAX TYP 15.0 mm: ---10.0 --4.3 5.8 7.6 ---3.0 1.2 ---(0.59) in\*: (0.39)---(0.17)(0.23)(0.30)-----(0.12)(0.05)\*Rounded off approximation **TABLE II. PERFORMANCE RATINGS:** I HOLD CURRENT TIME TO INITIAL RESISTANCE ONE-HOUR TRIPPED-STATE RATED RATINGS TRIP VALUES POST-TRIP POWER RESISTANCE CURRENT DISSIPATION STANDARD TRIP SECONDS AT AMPS AMPS OHMS OHMS WATTS AT AT 25°C AT 25°C AT 25°C 25°C 25°C, 20A 25°C 16V HOLD HOLD TRIP MAX MIN MAX MAX TYP 4.0 4.0 7.5 5.0 0.024 0.040 0.060 3.3 UL, TUV, CSA 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** Ph-Free Halogen Free\* Directive 2000/53/EC Directive 2002/95/EC Compliant Compliant \*Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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**Overcurrent Protection Device** 

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DOCUMENT: SCD25204 REV LETTER: F REV DATE: JULY 26, 2016 PAGE NO.: 2 OF 2

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