

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: MINIASMDC075F/33

DOCUMENT: SCD29091 REV LETTER: A REV DATE: SEPTEMBER 26, 2016 PAGE NO.: 1 OF 2

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Specification Status: Released

Maximum Electrical Rating Voltage: 33V_{DC} D Ε Short Circuit Current: 100A С Notes: 1. All terminations are tin plated. 2. Drawing not to scale Marking: arkin А 075F 5 33V PART IDENTIFICATION MANUFACTURER'S MARK TABLE I. DIMENSIONS: В С D Е MIN MAX MIN MAX MIN MAX MIN MAX MIN 4.37 4.83 0.94 1.46 3.07 3.41 0.25 0.95 0.20 mm: in: (0.172) (0.190) (0.037) (0.057) (0.121) (0.134)(0.010) (0.040)(0.008)**TABLE II. PERFORMANCE RATINGS:** RESISTANCE CURRENT RATINGS** TIME TO TRIPPED-STATE TRIP** POWER VALUES **DISSIPATION****

AMPERES AMPERES AMPERES SECONDS OHMS WATTS AT AT 0°C AT 60°C AT 25°C AT 25°C, 8.0A AT 25°C 25°C, 33V HOLD TRIP HOLD TRIP HOLD TRIP MAX MIN MAX* MAX 0.87 2.00 0.75 0.55 1.6 1.10 0.39 10 0.11 10

* Maximum resistance is measured 1 hour after reflow.

** Values Specified were determined using PCB's with 0.030"X1.5 ounce copper traces.

Reference Documents:PS300, PS400Precedence: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



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

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