

**Specification Status: Released**

**Maximum Electrical Rating**

**Voltage: 13.2V<sub>DC</sub>**  
**Short Circuit Current: 100A**

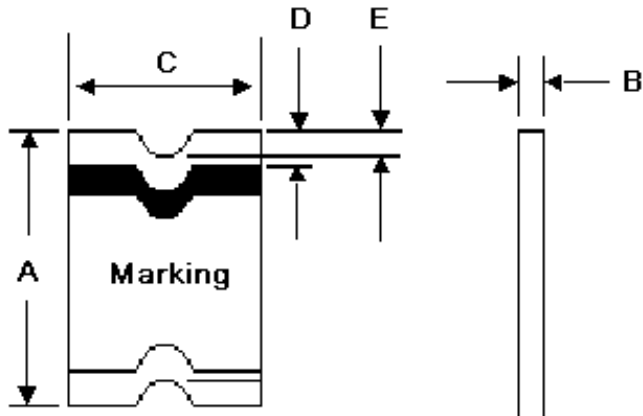
**Notes:**

1. All terminations are tin plated.
2. Drawing not to scale

**Marking:**



— PART IDENTIFICATION  
— MANUFACTURER'S MARK



**TABLE I. DIMENSIONS:**

A		B		C		D		E
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
4.37	4.73	0.38	0.62	3.07	3.41	0.25	0.95	0.20
(0.172)	(0.186)	(0.015)	(0.025)	(0.121)	(0.134)	(0.010)	(0.040)	(0.008)

mm:  
in:

**TABLE II. PERFORMANCE RATINGS:**

CURRENT RATINGS **						TIME TO TRIP **	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**
AMPERES AT 0°C		AMPERES AT 20°C		AMPERES AT 60°C		SECONDS AT 20°C, 8A MAX	OHMS AT 20°C		WATTS AT 20°C, 13.2V MAX
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX*	
0.87	1.74	0.75	1.50	0.49	0.98	0.2	0.11	0.45	1.0

\* 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, PS400

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**

Directive 2002/95/EC  
Compliant

**ELV Compliant**

Directive 2000/53/EC  
Compliant

**Pb-Free**



**Halogen Free\***



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



**PolySwitch®**  
**PTC Devices**  
**Overcurrent Protection Device**

**PRODUCT: MINIASMDC075F**

DOCUMENT: SCD29090  
REV LETTER: A  
REV DATE: SEPTEMBER 26, 2016  
PAGE NO.: 2 OF 2

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