

**Specification Status: Released**

**Maximum Electrical Rating**

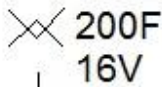
**Voltage: 16V<sub>DC</sub>**

**Short Circuit Current: 40A**

**Notes:**

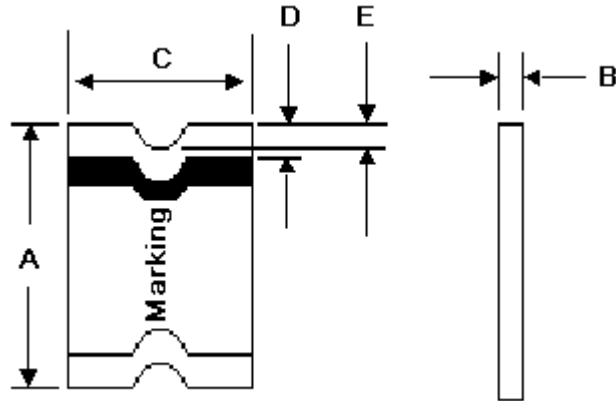
1. All terminations are tin plated.
2. Drawing not to scale

**Marking:**



PART IDENTIFICATION

MANUFACTURER'S MARK



**TABLE I. DIMENSIONS:**

	A		B		C		D		E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	4.37	4.73	0.51	1.22	3.07	3.41	0.25	0.95	0.20
in:	(0.172)	(0.186)	(0.020)	(0.048)	(0.121)	(0.134)	(0.010)	(0.040)	(0.008)

**TABLE II. PERFORMANCE RATINGS:**

CURRENT RATINGS**						TIME TO TRIP**	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**
AMPERES AT 0°C		AMPERES AT 25°C		AMPERES AT 60°C		SECONDS AT 25°C, 8.0A MAX	OHMS AT 25°C		WATTS AT 25°C, 16V MAX
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX*	
2.40	5.20	2.00	4.00	1.40	2.80	5.0	0.020	0.085	1.2

\* Maximum resistance is measured 1 hour after reflow.

\*\* Values Specified were determined using PCB's with 0.070"X1.5 ounce copper traces.

Agency Recognition: UL, TÜV

Reference Document: 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**

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: miniSMDC200F/16**

DOCUMENT: SCD28400  
REV LETTER: B  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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