

PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: miniSMDC200F/16

- B

DOCUMENT: SCD28400 **REV LETTER: B REV DATE: JULY 26, 2016** PAGE NO.: 1 OF 2

Ε

D

С

larking

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Specification Status: Released

А

Maximum Electrical Rating Voltage: 16V_{DC} 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:

	А		В		С		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	OHMS AT 25°C		WATTS AT 25°C, 16V	
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MÁX	
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



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



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