

308 Constitution Drive Menlo Park, CA 94025-1164 Phone: 800-227-4856 PTC Devices
Overcurrent Protection Device

PolySwitch®

PRODUCT: miniSMDC200F

DOCUMENT: SCD 25274 REV LETTER: H REV DATE: JULY 24, 2008

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Raychem Circuit Protection Products

Specification Status: RELEASED

Maximum Electrical Rating

Voltage: 8V_{DC}

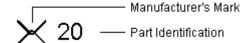
www.circuitprotection.com

Short Circuit Current: 100A

Notes:

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

Marking:



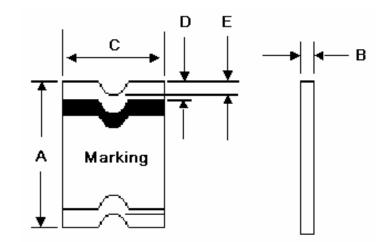


TABLE I. DIMENSIONS:

	Α		В		С		D		Е
	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)	(800.0)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**						TIME TO TRIP**	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**	
AMPERES AT 0°C HOLD TRIP		AMPERES AT 20°C HOLD TRIP		AMPERES AT 60°C HOLD TRIP		SECONDS AT 20°C, 8A MAX		MS 20°C I MAX*	WATTS AT 20°C, 8V MAX	
2.22	4.44	2.00	4.00	1.50	3.00	5	0.020	0.070	1.0	

^{*} Maximum resistance is measured 1 hour after reflow

Agency Recognition: UL, CSA, TÜV Reference Documents: PS300, E. N. SMD1.0x.

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*



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

^{*} Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm