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PolySwitch® PTC Devices

Overcurrent Protection Device

DOCUMENT: SCD 25714 REV LETTER: H REV DATE: NOVEMBER 20, 2008 PAGE NO.: 1 OF 1

- B

D

С

Marking

E

PRODUCT: miniSMDC260F/16

Raychem Circuit Protection Products

Specification Status: Released

А

Maximum Electrical Rating Voltage: 16V_{DC} 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:

	TABLE I: DIMENSIONS:								
	А		В		С		D		Е
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	4.37	4.83	1.02	1.52	3.07	3.41	0.25	0.95	0.20
in:	(0.172)	(0.190)	(0.042)	(0.060)	(0.121)	(0.134)	(0.010)	(0.040)	(0.008)

TABLE II. PERFORMANCE RATINGS:

	CUF	RENT	RATIN	GS**		TIME TO TRIP**	RESISTANCE VALUES		TRIPPED-STATE POWER
							112020		DISSIPATION**
AMPERES AMPERES AMPER		RES	SECONDS	OHMS		WATTS AT			
AT 0°C		AT 20°C		AT 60°C		AT 20°C, 8A	AT 20°C		20°C, 16V
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX
3.0	6.2	2.6	5.0	2.0	4.0	5	0.015	0.05	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 Recognitions:	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



Compliant







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

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