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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: miniSMDC260F/12

DOCUMENT: SCD25566 REV LETTER: H

REV DATE: MAY 14, 2011 PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating

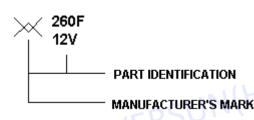
Voltage: 12V_{DC}

Short Circuit Current: 100A

Notes:

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

Marking:



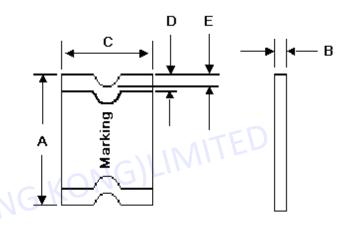


TABLE I. DIMENSIONS:

	Α		В		С		D		EIC
	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:

CURRENT RATINGS**						TIME TO	RESISTANCE		TRIPPED-STATE	
					-61	TRIP**	VALUES		POWER	
			60	rvii					DISSIPATION**	
AMPERES		AMPERES A		AMPE	RES	SECONDS	OHMS		WATTS AT	
AT 0°C		AT 20°C		AT 60°C		AT 20°C, 8A	AT 20°C		20°C, 12V	
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	0.047	1.0	

- * 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 and TÜV

Reference Documents: 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

ELV Compliant

/EC

Pb-Free Halogen Free*



Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant

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

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