

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: SMD260F

DOCUMENT: SCD25661

REV LETTER: F

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

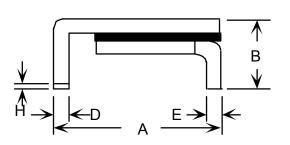
Maximum Electrical Rating
Operating Voltage / Interrupt Current
6Vpc / 40A

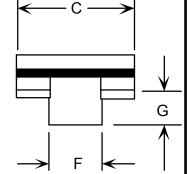
Marking:

260F - Part Identification

Manufacturer's Mark

□□□□ — Lot Identification





Notes:

- 1. All metal surfaces are tin plated.
- 2. Devices cannot be wave soldered.
- 3. Drawing not to scale.

TABLE I. DIMENSIONS:

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	Α		В		С		D		E		F		G		Н
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	6.73	7.98		3.00	4.8	5.44	0.56	0.71	0.56	0.71	2.16	2.41	0.66	1.37	0.43
in*:	(0.265)	(0.314)		(0.118)	(0.19)	(0.214)	(0.022)	(0.028)	(0.022)	(0.028)	(0.085)	(0.095)	(0.026)	(0.054)	(0.017)

TABLE II. PERFORMANCE RATINGS:

Cl	JRRENT RATING	S**	TIME TO TRIP*		TANCE UES	TRIPPED-STATE POWER	
AMPS AT 0°C HOLD	AT 0°C AT 20°C AT		SECONDS AT 20°C, 8 A MAX	OHMS AT 20°C MIN MAX*		DISSIPATION** WATTS AT 20°C, 6V MAX	
2.9	2.6	1.7	20.0	0.025	0.075	1.7	

^{*} Maximum Resistance is measured 1 hour after reflow at 260°C, 20 seconds.

Agency Recognition: UL, CSA, 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

N

Halogen Free*



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

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^{**} Values specified were determined using PCB's with0.120"X2.0 ounce copper traces.



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