

PolySwitch® PTC Devices

Overcurrent Protection Device

А

PRODUCT: miniSMDC260F

DOCUMENT: SCD26446 REV LETTER: F REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

Ε

В

D

Specification Status: Released

С

arking

Maximum Electrical Rating Voltage: 6V_{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:

	Α		В		С		D		E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	4.37	4.73	0.48	0.78	3.07	3.41	0.25	0.95	0.20
in:	(0.172)	(0.186)	(0.019)	(0.031)	(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**
AMPE	RES	AMPERES AMPE			RES	SECONDS	OHMS		WATTS AT
AT 0°C		AT 20°C		AT 60°C		AT 20°C, 8A	AT 20°C		20°C, 6V
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX
2.8	5.8	2.6	5.0	2.0	4.0	5.0	0.015	0.043	1.0

* Maximum resistance is measured 1 hour after reflow

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

Agency Recognition:UL, CSA, TÜVReference Documents:PS300Precedence: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≤1500pp



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