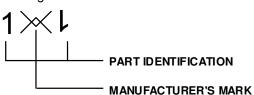
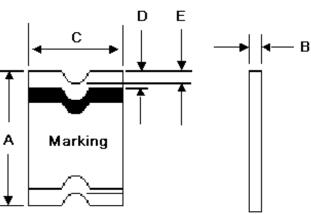


Marking:





## TABLE I. DIMENSIONS:

	A		В		С		D		Е
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	4.37	4.73	0.38	0.62	3.07	3.41	0.25	0.95	0.20
in:	(0.172)	(0.186)	(0.015)	(0.025)	(0.121)	(0.134)	(0.010)	(0.040)	(0.008)

## **TABLE II. PERFORMANCE RATINGS:**

CURRENT RATINGS**						TIME TO			TRIPPED-STATE	
						TRIP**	VALUES		POWER	
									DISSIPATION**	
AMPERES		AMPERES		AMPERES		SECONDS	OHMS		WATTS AT	
AT 0°C		AT 20°C		AT 60°C		AT 20°C, 8A	AT 20°C		20°C, 8V	
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX	
1.28	2.56	1.10	2.20	0.71	1.42	0.3	0.04	0.21	1.2	

\* 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 Document: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≤1500ppm.



Expertise Applied Answers Delivered

## PolySwitch® PTC Devices Overcurrent Protection Device

PRODUCT: miniSMDC110F

DOCUMENT: SCD25273 REV LETTER: I REV DATE: JULY 26, 2016 PAGE NO.: 2 OF 2

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