

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: miniSMDC160F

DOCUMENT: SCD24884

REV LETTER: I

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Maximum Electrical Rating

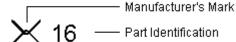
Voltage: 9V_{DC}

Short Circuit Current: 100A

Notes:

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

Marking:



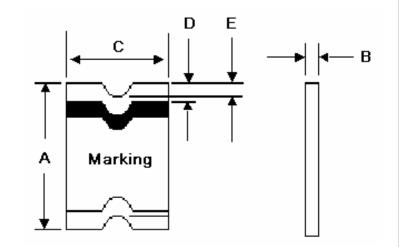


TABLE I. DIMENSIONS:

	Α		В		С		D		Е
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	4.37	4.73	0.28	0.48	3.07	3.41	0.25	0.95	0.20
in:	(0.172)	(0.186)	(0.011)	(0.019)	(0.121)	(0.134)	(0.010)	(0.040)	(800.0)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS **						TIME TO TRIP **	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**	
AMPE AT (HOLD	0°C	AMPE AT 2 HOLD	0°C	AMPE AT (HOLD	RES 60°C TRIP	SECONDS AT 20°C, 8A MAX		IMS 20°C MAX*	WATTS AT 20°C, 9V MAX	
1.89	3.78	1.60	3.20	1.10	2.20	1.0	0.03	0.10	0.8	

^{*} Maximum resistance is measured 1 hour after reflow.

UL, CSA, TÜV Agency Recognition: 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

Directive 2002/95/EC Compliant

ELV Compliant

Directive 2000/53/EC

Halogen Free*



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

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



PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: miniSMDC160F

DOCUMENT: SCD24884

REV LETTER: I

REV DATE: JULY 26, 2016

PAGE NO.: 2 OF 2

Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product set own applications. Littelfuse products are not designed for, and shall not be used for, any purpose (including, without limitation, military, aerospace, more life-sustaining or nuclear facility applications, devices intended for surgical implant into the body, or any other application in which the failure or lack of operation of the product may result in personal injury, death, or property damage) other than those expressly set forth in applicable Littelfuse products warranties granted by Littelfuse shall be deemed void for products used for any purpose not expressly set forth in applicable Littelfuse documentation. not be liable for any claims or damages arising out of products used in applications not expressly intended by Littelfuse as set forth in applicable Littelfuse documentation. The sale and use of Littelfuse products is subject to Littelfuse Terms and Conditions of Sale, unless otherwise agreed by Littelfuse.	edical, lifesaving, if desired locumentation. Littelfuse shall

单击下面可查看定价,库存,交付和生命周期等信息

>>Littelfuse(美国力特)