

Specification Status: Released

Maximum Electrical Rating

Voltage: 8V_{DC}
Short Circuit Current: 100A

Notes:

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

Marking:

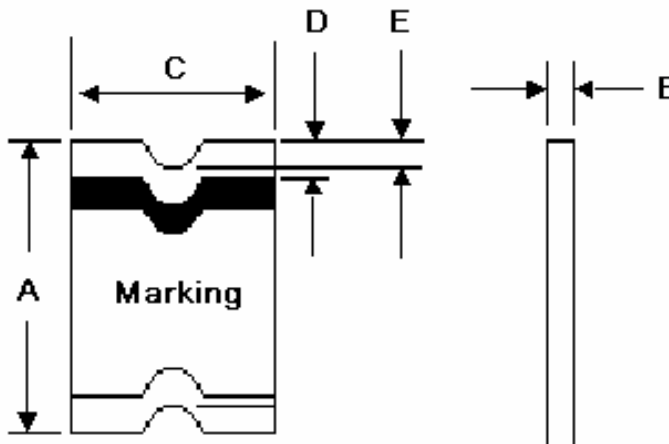
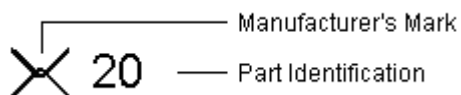


TABLE I. DIMENSIONS:

	A		B		C		D		E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	4.37	4.73	0.51	1.22	3.07	3.41	0.25	0.95	0.20
in:	(0.172)	(0.186)	(0.020)	(0.048)	(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**
AMPERES AT 0°C		AMPERES AT 20°C		AMPERES AT 60°C		SECONDS AT 20°C, 8A	OHMS AT 20°C		WATTS AT 20°C, 8V
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX
2.22	4.44	2.00	4.00	1.50	3.00	5	0.020	0.070	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, 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 (Directive 2002/95/EC Compliant)
 ELV Compliant (Directive 2000/53/EC Compliant)
 Pb-Free (Pb symbol)
 Halogen Free* (HF symbol)

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



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: miniSMDC200F

DOCUMENT: SCD25274
REV LETTER: J
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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