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[TE Connectivity Raychem Circuit Protection
MINISMDC200-2](#)

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RAYCHEM
PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: miniSMDC200

DOCUMENT: SCD24406
PCN: 472815
REV LETTER: C
REV DATE: OCTOBER 25, 2000
PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating

Voltage: 6V_{DC}
Short Circuit Current: 100A

Notes:

1. All terminations are tin/lead plated.
2. Devices can be wave soldered.
3. Drawing not to scale

Marking:

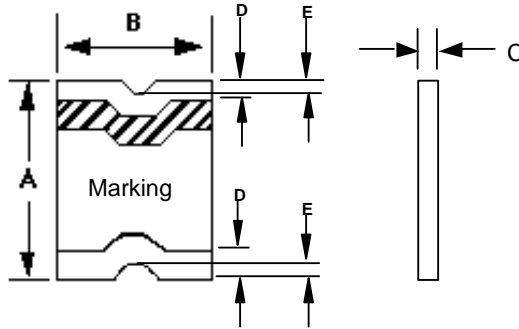
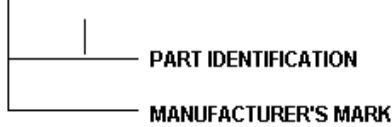
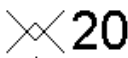


TABLE I. DIMENSIONS:

	A		B		C		D	E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MIN	MAX
mm:	4.37	4.73	3.07	3.41	0.51	1.22	0.30	0.25	--
in:	(0.172)	(0.186)	(0.121)	(0.134)	(0.020)	(0.048)	(0.012)	(0.010)	--

TABLE II. PERFORMANCE RATINGS:

IHOLD ** RATED CURRENT	CURRENT TRIP LIMITS**						TIME TO TRIP **	RESISTANCE VALUES		TRIPPED- STATE POWER DISSIPATION**
	AMPERES AT 20°C HOLD		AMPERES AT -40°C HOLD TRIP		AMPERES AT 20°C HOLD TRIP			OHMS AT 20°C MIN MAX*		
2.00	2.60	6.00	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.

Reference Documents: PS300, E. N. SMD1.0x.

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.