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**RAYCHEM**  
**PolySwitch®**  
**PTC Devices**  
 Overcurrent Protection Device

**PRODUCT: miniSMDC150**  
 DOCUMENT: SCD 24264  
 PCN: 439545  
 REV LETTER: F  
 REV DATE: OCTOBER 25, 2000  
 PAGE NO.: 1 OF 1

**Specification Status:      RELEASED**

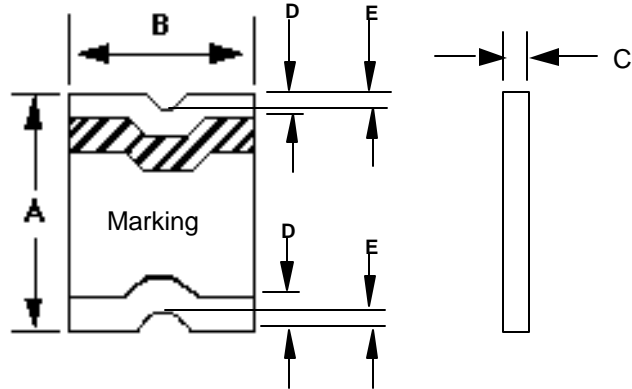
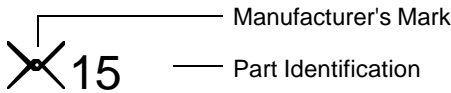
**Maximum Electrical Rating**

**Voltage: 6V<sub>DC</sub>**  
**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	0.28	0.48	0.25	0.20	0.50
in:	(0.172)	(0.186)	(0.121)	(0.134)	(0.011)	(0.019)	(0.010)	(0.008)	(0.020)

**TABLE II. PERFORMANCE RATINGS:**

IHOLD ** RATED CURRENT	HOLD CURRENT AT TEMPERATURE**				TIME TO TRIP ** @ 8.0A	RESISTANCE VALUES		**TRIPPED-STATE POWER DISSIPATION
	AMPERES AT 20°C HOLD	AMPERES AT - 40°C HOLD	AMPERES AT 20°C HOLD	AMPERES AT 55°C HOLD		SECONDS AT 20°C MAX	OHMS AT 20°C MIN    MAX*	
1.5	2.30	1.50	1.00	0.5	0.040	0.110	0.8	

\* 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.