Raychem Circuit Protection 308 Constitution Drive Menlo Park, CA 94025-1164 800-227-4856 FAX 800-227-4866

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_{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:

×15

Part Identification

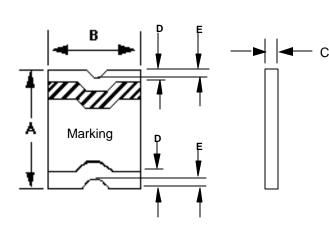


TABLE I. DIMENSIONS:

	А		В		С		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 **	HOLD CURR	ENT AT TEMF	PERATURE**	TIME TO	RESISTANCE		**TRIPPED-STATE	
RATED				TRIP **	VALUES		POWER	
CURRENT				@ 8.0A			DISSIPATION	
AMPERES	AMPERES	AMPERES	AMPERES	SECONDS	OHMS		WATTS AT	
AT 20°C	AT - 40°C	AT 20°C	AT 55°C	AT 20°C	AT 20°C		20°C	
HOLD	HOLD	HOLD	HOLD	MAX	MIN	MAX*	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. SMD1.0xPrecedence: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.