



THE DATASHEET OF MICROSMD110-2



Raychem Corporation
 300 Constitution Drive
 Menlo Park, CA 94025
 800-227-4856
 FAX 800-227-4866

Raychem
PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: microSMD110
 DOCUMENT: SCD24404
 PCN: 848919
 REV LETTER: D
 REV DATE: FEBRUARY 26, 2000
 PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating

Voltage: 6V_{DC}
Current: 40A

Notes:

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

Marking:



PART IDENTIFICATION
MANUFACTURER'S MARK

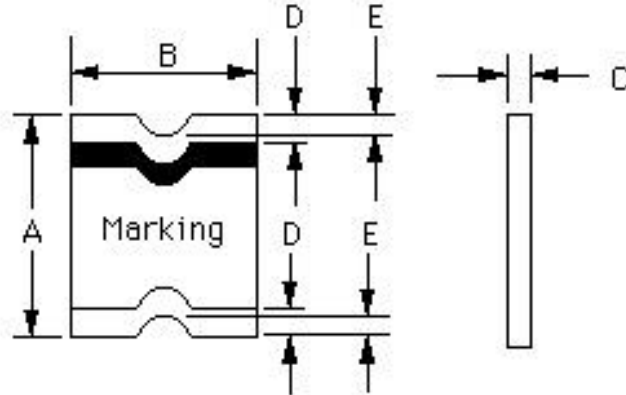


TABLE I. DIMENSIONS:

	A		B		C		D	E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MIN
mm:	3.00	3.43	2.35	2.80	0.28	0.48	0.25	0.20
in:*	0.118	0.135	0.092	0.111	0.011	0.019	0.010	0.008

*Rounded off approximation

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	AMPERES AT 20°C TRIP	AMPERES AT 60°C TRIP	AMPERES AT 20°C HOLD	AMPERES AT 60°C TRIP	SECONDS AT 20°C, 5A MAX	SECONDS AT 20°C, 8A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX*	
1.10	1.60	3.20	1.10	2.20	0.80	1.60	1.0	0.2	0.07	0.21	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.

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