



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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 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<sub>DC</sub>**  
**Current: 40A**

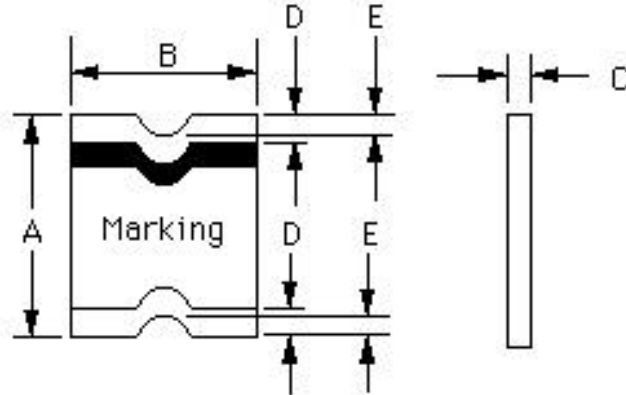
**Notes:**

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   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.