Tyco / Electronics Raychem Circuit Protection

308 Constitution Drive Menlo Park, CA 94025-1164

Phone: 800-227-4856 Fax: 800-227-4866

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: miniSMDM110

DOCUMENT: SCD 24315

PCN: 893407 REV LETTER: C

REV DATE: MARCH 27, 2002

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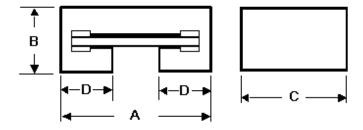
Specification Status: Released

Maximum Electrical Rating

Voltage: 8 V_{DC} Current: 40A

Notes:

- All terminations are gold plated.
 Partial coverage of plating with solder may occur without effect on solderability or electrical performance
- 2. Devices cannot be wave soldered.
- 3. Drawing not to scale



Marking:

Manufacturer's Mark

110 ——— Part Identification

______Lot Identification

TABLE I. DIMENSIONS:

	Α		В		С		D	
	MIN	MAX	MIN	MIN	MAX	MAX	MIN	MIN
mm:	4.35	4.75	1.75	2.00	3.05	3.60	1.4	1.7
in:*	(0.172)	(0.187)	(0.069)	(0.079)	(0.120)	(0.142)	(0.055)	(0.067)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS **						TIME TO	RESISTANCE		TRIPPED-STATE		
						TRIP **	VALUES		POWER		
									DISSIPATION**		
AMPI	AMPERES		AMPERES		ERES	SECONDS	OHMS		WATTS AT		
AT 0°C		AT 25°C		AT 60°C		AT 25°C, 8.0A	AT 25°C		25°C, 8.0V		
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX		
1.2	2.1	1.1	2.0	0.77	1.4	0.3	0.060	0.180	0.6		

^{*}Maximum resistance is measured 1 hour after reflow.

Reference Documents: PS300

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.

^{**} Values specified were determined using PCB's with 0.030"X1.5 ounce copper traces.