

308 Constitution Drive Menlo Park, CA 94025-1164 Phone: 800-227-4856 www.circuitprotection.com

PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: microSMD035

DOCUMENT: SCD 24367 PCN: 743304, 672499 REV LETTER: G

REV DATE: APRIL 21, 2007

PAGE NO.: 1 OF 1

Specification Status: RELEASED

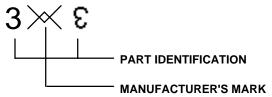
Maximum Electrical Rating

Voltage: 6.0V_{DC} Current: 40A

Notes:

- 1. All terminations are tin/lead plated.
- 2. Drawing not to scale

Marking:



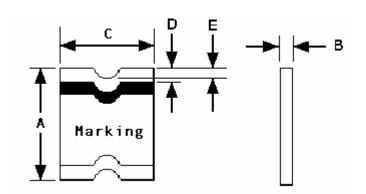


TABLE I. DIMENSIONS:

	Α		В		С		D		Е
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	3.00	3.43	0.38	0.62	2.35	2.80	0.25	0.75	0.076
in:	(0.118)	(0.135)	(0.015)	(0.025)	(0.092)	(0.110)	(0.010)	(0.030)	(0.003)

TABLE II. PERFORMANCE RATINGS:

	CUR	RENT R	ATING	S **		TIME TO	RESISTANCE		TRIPPED-STATE	
						TRIP **	VALUES		POWER	
									DISSIPATION **	
AMPERES		AMPERES		AMPERES		SECONDS	OHMS		WATTS AT	
AT 0°C		AT 20°C		AT 60°C		AT 20°C, 8A	AT 20°C		20°C, 6V	
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX	
0.40	0.85	0.35	0.75	0.24	0.51	0.2	0.32	1.30	0.8	

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

Agency Recognition: UL, CSA, TÜV

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.

Materials Information

ELV Compliant

Directive 2000/53/EC Compliant

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