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Raychem
PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: microSMD035

DOCUMENT: SCD 24367
 PCN: 672499
 REV LETTER: C
 REV DATE: JULY 23, 1999
 PAGE NO.: 1 OF 1

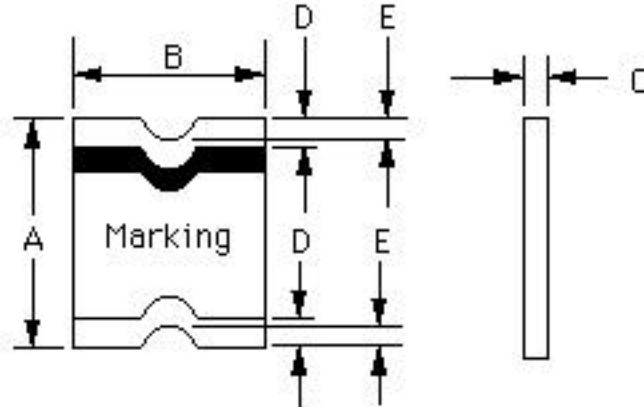
Specification Status: RELEASED

Maximum Electrical Rating

Voltage: 6.0V_{DC}
Current: 40A

Notes:

1. All terminations are tin/lead plated.
2. 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	0.38	0.62	0.30	0.25
in:	0.118	0.135	0.092	0.110	0.015	0.025	0.012	0.010

TABLE II. PERFORMANCE RATINGS:

IHOLD ** RATED CURRENT	HOLD CURRENT AT TEMPERATURE**				TIME TO TRIP **	RESISTANCE VALUES		** TRIPPED-STATE POWER DISSIPATION
	AMPERES AT 20°C HOLD	AMPERES AT 0°C HOLD	AMPERES AT 20°C HOLD	AMPERES AT 60°C HOLD		OHMS AT 20°C		
0.35	0.40	0.35	0.75	0.24	0.2	0.32	1.30	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.