

Tyco / Electronics

Raychem Circuit

Protection

308 Constitution Drive
Menlo Park, CA 94025
Phone: 800-227-4856
Fax: 800-227-4866

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: microSMD005

DOCUMENT: SCD 24366
PCN: 573944, 092391
REV LETTER: F
REV DATE: DECEMBER 20, 2006
PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating

Voltage: 30V_{DC}
Current: 10A

Notes:

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

Marking:



PART IDENTIFICATION

MANUFACTURER'S MARK

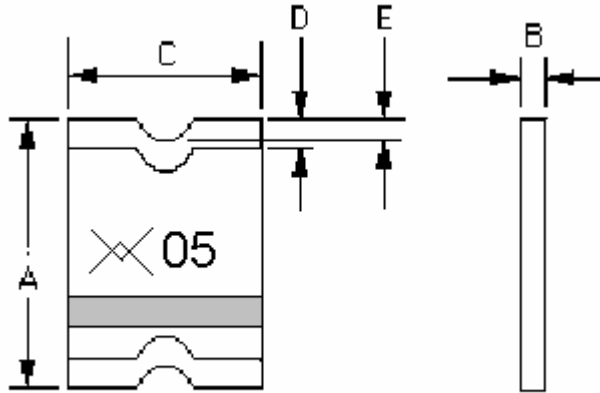


TABLE I. DIMENSIONS:

	A		B		C		D		E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	3.00	3.43	0.50	0.85	2.35	2.80	0.25	0.75	0.076
in.*	(0.118)	(0.135)	(0.019)	(0.034)	(0.092)	(0.111)	(0.010)	(0.030)	(0.003)

TABLE II. PERFORMANCE RATINGS:

CURRENT RATINGS**						TIME TO TRIP **	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION**
AMPERES AT 0°C		AMPERES AT 20°C		AMPERES AT 60°C		SECONDS AT 20°C, 0.25A MAX	OHMS AT 20°C		WATTS AT 20°C, 30V MAX
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX*	
0.06	0.18	0.05	0.15	0.03	0.09	1.5	3.6	50.0	1.0

*Maximum resistance is measured 1 hour after reflow.

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

Agency Recognition:
Reference Documents:
Precedence:
Effectivity:
CAUTION:

UL, CSA, TÜV
PS300, E. N. SMD1.0x
This specification takes precedence over documents referenced herein.
Reference documents shall be the issue in effect on the date of invitation for bid.
Operation beyond the rated voltage or current may result in rupture, electrical arcing or flam

Materials Information

ELV Compliant

