Tyco / Electronics Raychem Circuit Protection

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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: microSMD010F

DOCUMENT: SCD 25264 PCN: A65230, RF0401 REV LETTER: C

REV DATE: JANUARY 12, 2006

PAGE NO.: 1 OF 1

Specification Status: Released

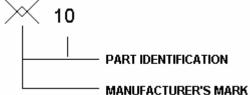
Maximum Electrical Rating

Voltage: 30V_{DC} Current: 10A

Notes:

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

Marking:



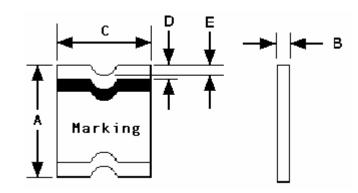


TABLE I. DIMENSIONS:

	Α		В		С		D		Е
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
mm:	3.00	3.43	0.50	0.85	2.35	2.80	0.25	0.75	0.20
in:	(0.118)	(0.135)	(0.019)	(0.034)	(0.092)	(0.110)	(0.010)	(0.030)	(0.008)

TABLE II. PERFORMANCE RATINGS:

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CURRENT RATINGS**						TIME TO TRIP**		STANCE LUES	TRIPPED-STATE POWER DISSIPATION**		
AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C		SECONDS AT 20°C, 0.50A		HMS 20°C	WATTS AT 20°C, 30V		
HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX*	MAX		
0.12	0.30	0.10	0.25	0.06	0.15	1.0	2.1	15.0	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.

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

ROHS Compliant

Directive 2002/95/EC Compliant

ELV Compliant

Directive 2000/53/EC Compliant

Pb-Free



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