## Tyco / Electronics Raychem Circuit Protection

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# **PolySwitch® PTC Devices**

**Overcurrent Protection Device** 

### PRODUCT: LTP070F

DOCUMENT: SCD 26171

PCN: E38196 REV LETTER: A

REV DATE: APRIL 1, 2005

PAGE NO.: 1 OF 1

# **Specification Status: Released**

### Electrical Rating

Voltage: 15V MAX Current: 100A MAX

Chip Size: 5 X 7 mm

Leads: Ni-plated Stainless steel

0.15 mm Nominal Thickness

Solder: Lead-free

Tape: Polyester (Yellow)

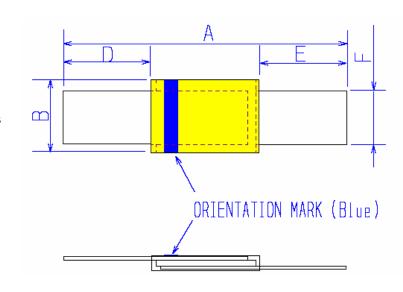
8mm nominal width

Marking: (Color: Green)

- Manufacturer's Mark

Part Identification

Lot Identification



#### **TABLE I. DIMENSIONS:**

	Α		В		С			)	Е		F	
	MIN	MAX										
mm:	19.9	22.1	4.9	5.2	0.7	1.2	5.5	7.5	5.5	7.5	3.9	4.1
in*:	(0.783)	(0.870)	(0.192)	(0.205)	(0.027)	(0.048)	(0.216)	(0.296)	(0.216)	(0.296)	(0.153)	(0.162)

\*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.

TABLE III I ETA GIAMATOE TATTITOGE AG MICAGAIGA III MAGNICI TOTALI GIAGO DO TOTA																
I HOLD	CURRENT TRIP LIMITS									E TO	REFERENCE ONE			HOUR	TRIPPED-	
										RIP	RESIS	TANCE	POST	T-TRIP STATE		ATE
											RESISTANC			TANCE	POWER	
														DISSIPATION		
AMPS	AMPS		AM	AMPS AMPS		AMPS S		SECON	CONDS AT OHMS		OHMS		WATTS AT			
20°C	AT 0°C		AT 2	0°C	AT 60°C		AT 80°C		20°C, 3.5 A		AT 20°C		AT 20°C		20°C, 15V	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	TYP	MAX	TYP	MAX
0.7	0.85	1.80	0.70	1.45	0.35	0.75	0.22	0.45	2	5	0.10	0.20	0.23	0.34	0.7	1.0

Agency Recognitions: UL, CSA, TUV 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.

Materials Information:

**ROHS Compliant** 

Directive 2002/95/EC Compliant

**ELV Compliant** 

Directive 2000/53/EC Compliant

Pb-Free



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