

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: LTP070F

DOCUMENT: SCD26171 PCN: E38196

REV LETTER: C REV DATE: MAY 11, 2011

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## **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

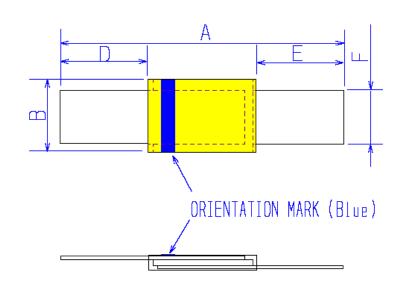
Tape: Polyester (Yellow)

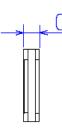
8mm nominal width

Marking: (Color: Green)

Manufacturer's Mark

\_\_\_ \_\_ 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.

I HOLD			CURF	RENT	TRIP LIN	/IITS		TIME	E TO	REFE	RENCE	ONE-HOUR		TRIPPED-		
										RIP	RESISTANCE		POST	T-TRIP STATE		\TE
												RESIS	RESISTANCE POWE		/ER	
															DISSIPATION	
AMPS	AMPS		AMI	AMPS AMPS		AMPS		SECONDS AT		OHMS		OHMS		WATTS AT		
20°C	AT 0°C		AT 2	T 20°C AT 60°C		30°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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