

Tyco / Electronics
Raychem Circuit Protection
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: LTP340F

DOCUMENT: SCD 26170
 PCN: E48836
 REV LETTER: A
 REV DATE: APRIL 1, 2005
 PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 24V MAX
Current: 100A MAX
 Chip Size: 15 X 13mm

Leads: Nickel 1/4H
 0.125mm nominal thickness

Tape: Polyester (Yellow)
 16.0mm nominal Width

Solder: Lead-free

Marking: (Color: Green)
 — Manufacturer's Mark

✕ L34 — Part Identification

□□□□ — Lot Identification

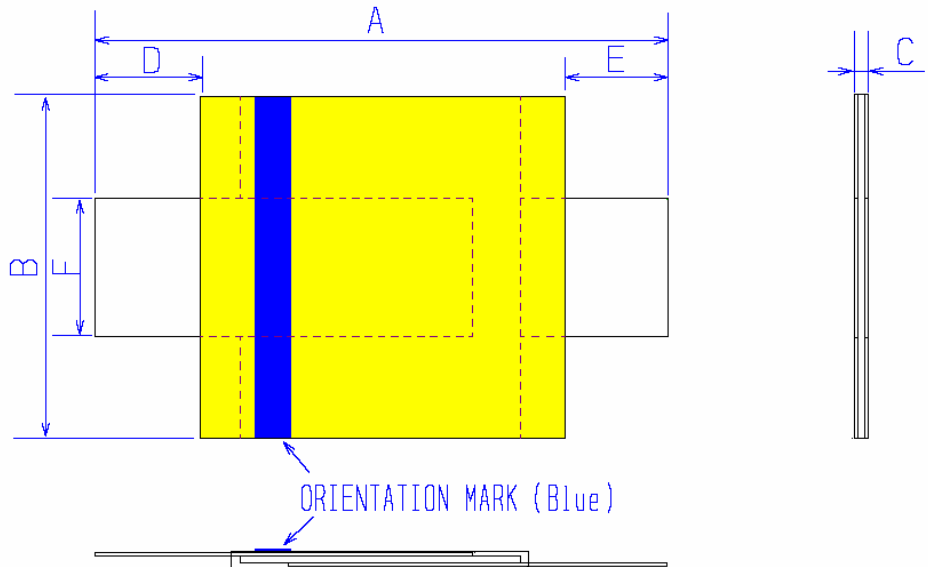


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
	24.0	26.0	14.8	15.9	0.6	1.0	4.0	5.0	4.0	5.0	5.9	6.1
in*:	(0.94)	(1.02)	(0.58)	(0.63)	(0.02)	(0.04)	(0.16)	(0.20)	(0.16)	(0.20)	(0.23)	(0.24)

*Rounded off approximation

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

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP		REFERENCE RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION				
	AMPS AT 20°C HOLD		AMPS AT 0°C TRIP		AMPS AT 20°C HOLD		AMPS AT 60°C TRIP		AMPS AT 80°C HOLD		SECONDS AT 20°C, 17 A TYP		SECONDS AT 20°C, 17 A MAX			OHMS AT 20°C MIN		OHMS AT 20°C MAX	
3.4	4.0	8.0	3.4	6.8	1.9	3.8	1.1	2.2	2	5	0.016	0.027	0.036	0.050	2.7				

Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:
 Materials Information:

UL, TUV, CSA
 PS300
 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 flame.

ROHS Compliant

Directive 2002/95/EC
 Compliant

ELV Compliant

Directive 2000/53/EC
 Compliant

Pb-Free

