

**Specification Status: Released**

**Electrical Rating**

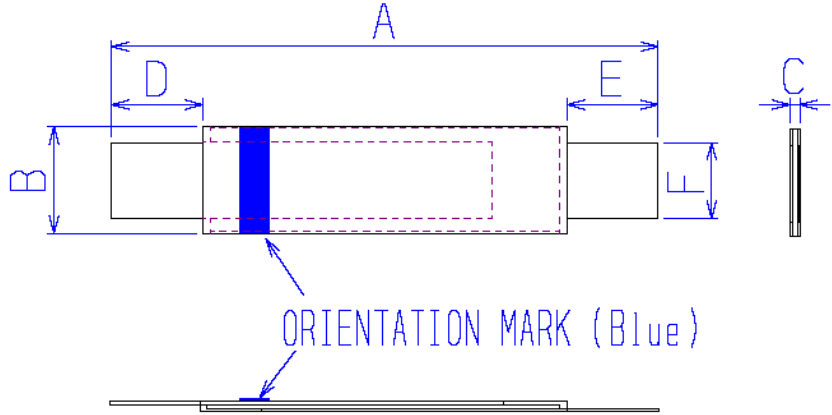
Voltage: 20V MAX  
Current: 100A MAX  
Chip Size: 7 X 23mm  
Leads: Nickel 1/4H  
0.125mm nominal thickness

Tape: Polyester (White)  
24mm nominal Width

Solder: Lead-free

**Marking: (Color: Green)**

- Manufacturer's Mark
- XX E55 — Part Identification
- — Lot Identification



**TABLE I. DIMENSIONS:**

A		B		C		D		E		F	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
35.0	37.0	6.9	7.5	0.6	1.0	5.3	6.7	5.3	6.7	4.9	5.1
(1.38)	(1.46)	(0.27)	(0.30)	(0.02)	(0.04)	(0.21)	(0.26)	(0.21)	(0.26)	(0.19)	(0.20)

\*Rounded off approximation

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

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP	REFERENC E RESISTANC E	ONE-HOUR POST-TRIP RESISTANCE		TRIPPED- STATE POWER DISSIPATION			
	AMPS 20°C	AMPS AT 0°C	AMPS AT 20°C	AMPS AT 60°C	AMPS AT --°C	SECONDS AT 20°C, 27.5A	OHMS AT 20°C	OHMS AT 20°C			WATTS AT 20°C, 20V					
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
5.5	6.2	12.0	5.5	10.5	4.0	7.8	---	---	---	5	0.009	0.016	0.009	0.022	---	2.8

Agency Recognitions: UL, TUV, CSA  
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**





**PolySwitch®**  
**PTC Devices**  
**Overcurrent Protection Device**

**PRODUCT: LR4-550F**

DOCUMENT: SCD25850  
PCN: E74816  
REV LETTER: E  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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