

**Specification Status: Released**

**Maximum Electrical Rating**

**Operating Voltage: 15 Vdc  
MAX**

**Interrupt Current: 100A MAX**

Chip Size: 5 X 7mm

Leads: Nickel 1/4H

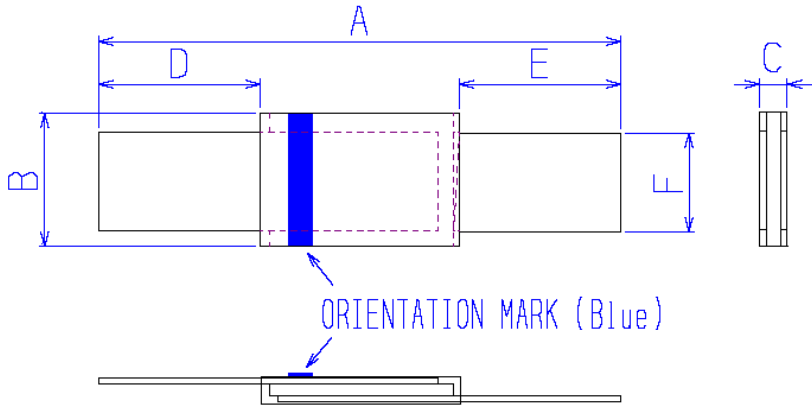
0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)  
8mm nominal Width

Marking: (Color: Green)

- Manufacturer's Mark
- XX E19 — 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
	19.9	22.1	4.9	5.5	0.6	1.0	5.5	7.5	5.5	7.5	3.9	4.1
in*:	(0.78)	(0.87)	(0.19)	(0.22)	(0.02)	(0.04)	(0.22)	(0.30)	(0.22)	(0.30)	(0.15)	(0.16)

\*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, 9.5A		OHMS AT 20°C		OHMS AT 20°C		WATTS AT 20°C, 15V	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
1.9	2.3	4.6	1.9	3.9	1.4	2.8	--	--	--	5	-	5	0.039	0.072	0.039	0.102	--	1.2

Agency Recognitions:  
Reference Documents:  
Precedence:  
Effectivity:

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.

CAUTION:  
flame.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or

**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: LR4-190F**

DOCUMENT: SCD25564  
PCN: E24709  
REV LETTER: D  
REV DATE: July 26, 2016  
PAGE NO.: 2 OF 2

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