

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

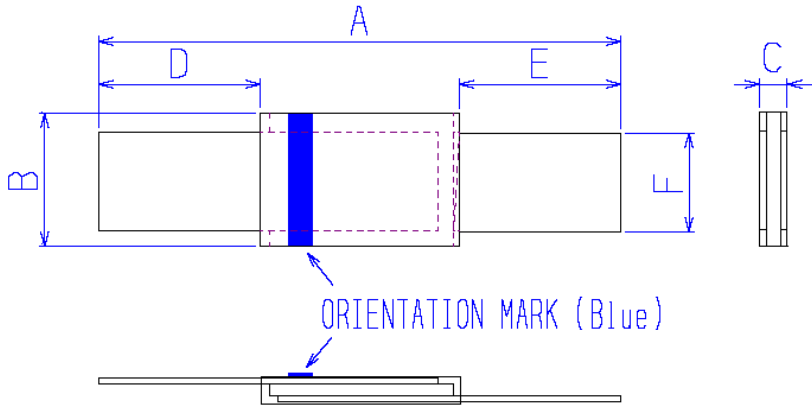


TABLE I. DIMENSIONS:

| | 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:

UL, TUV, CSA
PS300

Effectivity:
CAUTION:

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.

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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