

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

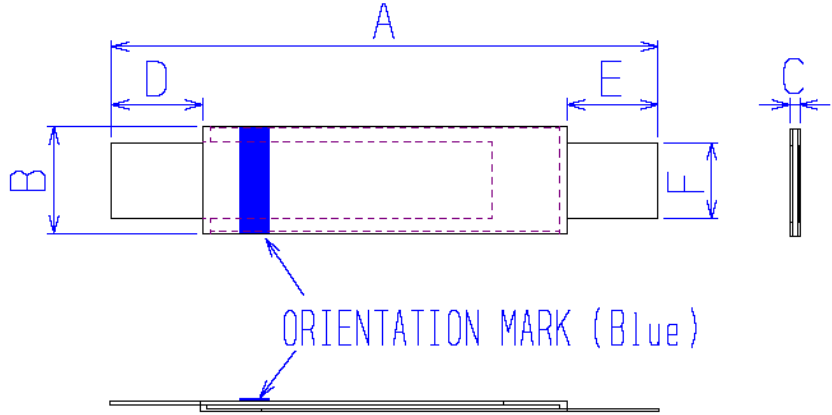


TABLE I. DIMENSIONS:

| 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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