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

**PRODUCT:LR4-260**

DOCUMENT: SCD 23896  
PCN: 595453  
REV LETTER: D  
REV DATE: SEPT. 4, 2001  
PAGE NO.: 1 OF 1

**Specification Status: Released**

**Electrical Rating**

**Voltage: 15Vdc MAX**  
**Current: 100A MAX**

**Leads:**

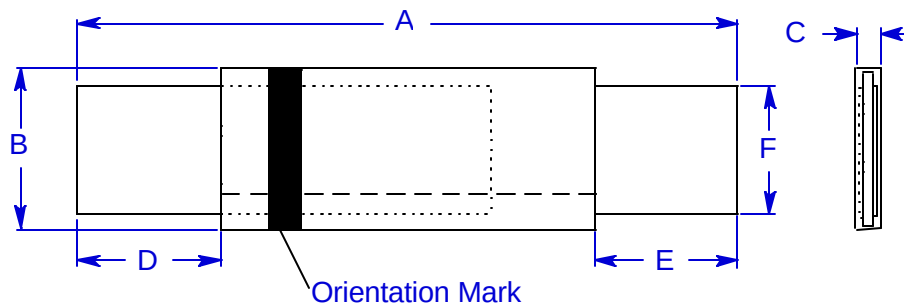
Nickel: 0.125mm nom.

**Tape:**

Polyester

**Marking:**

— Manufacturer's Mark  
XX E26 — Part Identification  
□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A      |        | B      |        | C      |        | D      |        | E      |        | F      |        | G   |     |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|
|      | MIN    | MAX    | MIN    | MAX    | MIN    | MAX    | MIN    | MAX    | MIN    | MAX    | MIN    | MAX    | MIN | MAX |
| mm:  | 20.9   | 23.1   | 4.9    | 5.5    | 0.6    | 1.0    | 4.1    | 5.5    | 4.1    | 5.5    | 3.9    | 4.1    | --  | --  |
| in*: | (0.82) | (0.91) | (0.19) | (0.22) | (0.02) | (0.04) | (0.16) | (0.22) | (0.16) | (0.22) | (0.15) | (0.16) | --  | --  |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

| I HOLD               | CURRENT TRIP LIMITS |      |                 |      |                 |      |                 |      | TIME TO TRIP               |     | REFERENCE RESISTANCE |       | ONE-HOUR POST-TRIP RESISTANCE |       | TRIPPED-STATE POWER DISSIPATION |  |
|----------------------|---------------------|------|-----------------|------|-----------------|------|-----------------|------|----------------------------|-----|----------------------|-------|-------------------------------|-------|---------------------------------|--|
|                      |                     |      |                 |      |                 |      |                 |      |                            |     |                      |       |                               |       |                                 |  |
| AMPS<br>20°C<br>HOLD | AMPS<br>AT 0°C      |      | AMPS<br>AT 20°C |      | AMPS<br>AT 60°C |      | AMPS<br>AT 80°C |      | SECONDS AT<br>20°C, 13.0 A |     | OHMS<br>AT 20°C      |       | OHMS<br>AT 20°C               |       | WATTS AT<br>20°C, 15V           |  |
|                      | HOLD                | TRIP | HOLD            | TRIP | HOLD            | TRIP | HOLD            | TRIP | TYP                        | MAX | MIN                  | MAX   | MIN                           | MAX   | MAX                             |  |
| 2.6                  | 3.1                 | 6.8  | 2.6             | 5.8  | 1.9             | 4.2  | --              | --   | --                         | 5   | 0.020                | 0.042 | 0.020                         | 0.063 | 2.5                             |  |

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.