

**Tyco / Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
 Phone: 800-227-4856  
 Fax: 800-227-4866

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

**PRODUCT: LR4-260S**

DOCUMENT: SCD 23409  
 PCN: 929903  
 REV LETTER: G  
 REV DATE: AUGUST 26, 2002  
 PAGE NO.: 1 OF 1

**Specification Status: Released**

**Electrical Rating**

**Voltage: 15Vdc MAX**

**Current: 100A MAX**

Leads:

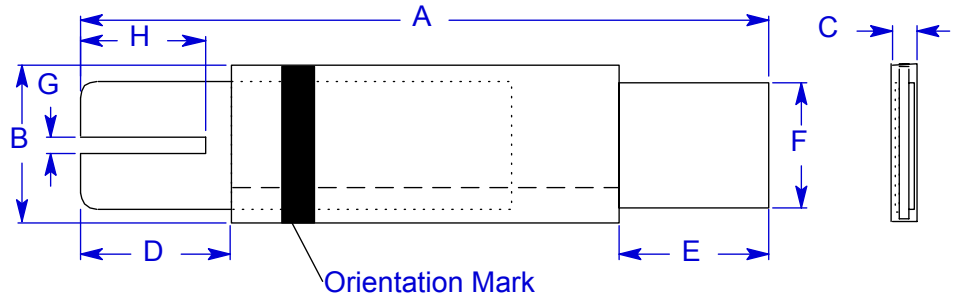
Nickel: 0.13mm nom.

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    | 0.3    | 0.7    |
| 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) | (0.01) | (0.03) |

|      | H      |        | J   |     | K   |     | L   |     | M   |     | N   |     | P   |     |
|------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|      | MIN    | MAX    | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm:  | 3.8    | 4.2    | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  |
| in*: | (0.15) | (0.17) | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  |

\*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 AT 0°C            |                        | AMPS AT 20°C            |                         | AMPS AT 60°C            |                         | AMPS AT 80°C            |                         |                                   |                                   |                        |                        |                               |                        |                                 |
| AMPS<br>20°C<br>HOLD | AMPS<br>AT 0°C<br>HOLD | AMPS<br>AT 0°C<br>TRIP | AMPS<br>AT 20°C<br>HOLD | AMPS<br>AT 20°C<br>TRIP | AMPS<br>AT 60°C<br>HOLD | AMPS<br>AT 60°C<br>TRIP | AMPS<br>AT 80°C<br>HOLD | AMPS<br>AT 80°C<br>TRIP | SECONDS AT<br>20°C, 13.0 A<br>TYP | SECONDS AT<br>20°C, 13.0 A<br>MAX | OHMS<br>AT 20°C<br>MIN | OHMS<br>AT 20°C<br>MAX | OHMS<br>AT 20°C<br>MIN        | OHMS<br>AT 20°C<br>MAX | WATTS AT<br>20°C, 15V<br>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:

Precedence:

Effectivity:

CAUTION:

PS300

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.