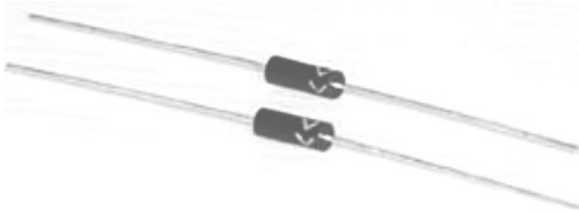




# 2CL69 through 2CL77

## HIGH VOLTAGE, LOW CURRENT SILICON RECTIFIER DIODES



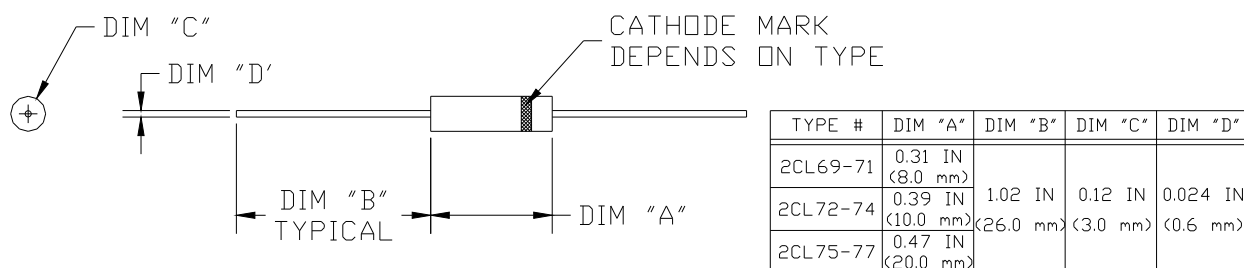
| EDI TYPE #                          | 2CL69 | 2CL70 | 2CL71 | 2CL72  | 2CL73  | 2CL74  | 2CL75  | 2CL76  | 2CL77  |
|-------------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| PRV VOLTS                           | 4,000 | 6,000 | 8,000 | 10,000 | 12,000 | 14,000 | 16,000 | 18,000 | 20,000 |
| Forward Voltage Drop at 25°C & 10mA | 20.0V | 23.0V | 25.0V | 30.0V  | 37.5V  | 42.5V  | 50.0V  | 55.0V  | 62.5V  |
| Cathode Mark                        | ▲▲▲   | ◀◀◀   | <<<   | ◆◆◆    | ◆◆◆    | ●●●    | ●●●    | 〰〰〰    | 〰〰〰    |

### ELECTRICAL CHARACTERISTIC (at T<sub>Air</sub> = 25° C Unless Otherwise Specified)

### 2CL FAST RECOVERY

|   |                 |
|---|-----------------|
| Average Maximum Forward Current I <sub>F</sub> Max @ T <sub>Air</sub> = 30°C    | 5.0 mA          |
| Max Surge Current (1 Cycle)   | 0.5 A           |
| Max DC Reverse Current (25°C)   | 2.0 μA          |
| Max DC Reverse Current (100°C)  | 5.0 μA          |
| Reverse Recovery Time   | 100 nano Sec.   |
| Max Virtual Junction Capacitance, C <sub>j</sub> @ V <sub>r</sub> = 0 (f=1Mhz.) | 1.0 pico farads |

NOTES: It is recommended that a proper heat sink be used on the terminals of this device between the body and the soldering point to prevent damage from excess heat.



EDI reserves the right to change these specifications at any time without notice.

**ELECTRONIC DEVICES, INC.** DESIGNERS AND MANUFACTURERS OF SOLID STATE DEVICES SINCE 1951.

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