



2CL69 through 2CL77

HIGH VOLTAGE, LOW CURRENT SILICON RECTIFIER DIODES



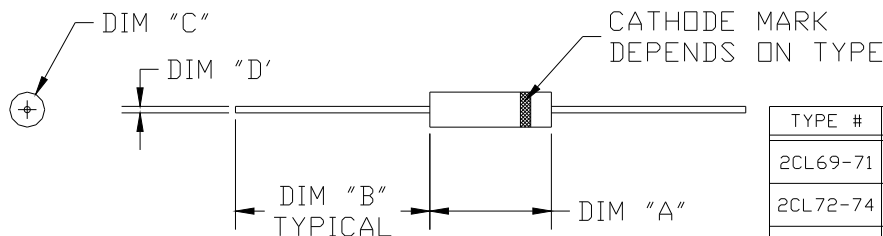
| EDI TYPE # | 2CL69 | 2CL70 | 2CL71 | 2CL72 | 2CL73 | 2CL74 | 2CL75 | 2CL76 | 2CL77 |
|-------------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| PRV VOLTS | 4,000 | 6,000 | 8,000 | 10,000 | 12,000 | 14,000 | 16,000 | 18,000 | 20,000 |
| Forward 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_{Air} = 25°C Unless Otherwise Specified)

2CL FAST RECOVERY

| | |
|---|-----------------|
| Average Maximum Forward Current I _F Max @ T _{Air} = 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 _j @ V _r = 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.



| TYPE # | DIM "A" | DIM "B" | DIM "C" | DIM "D" |
|----------|----------------------|----------------------|---------------------|----------------------|
| 2CL69-71 | 0.31 IN (8.0 mm) | | | |
| 2CL72-74 | 0.39 IN (10.0 mm) | 1.02 IN (26.0 mm) | 0.12 IN (3.0 mm) | 0.024 IN (0.6 mm) |
| 2CL75-77 | 0.47 IN (20.0 mm) | | | |

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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