2CL69 through 2CL77

HIGH VOLTAGE, LOW CURRENT SILICON RECTIFIER DIODES



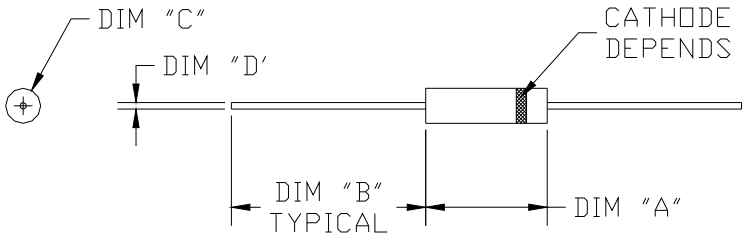
EDI TYPE #	2CL69	2CL70	2CL71	2CL72	2CL73	2CL74	2CL75	2CL76	2CL77
PRV VOLTS	4,000	6,000	8,000	10,000	12,000	14,000	16,000	18,000	20,000
Forward Voltage Drop at 25°C & 10mA	20.0V	23.0V	25.0V	30.0V	37.5V	42.5V	50.0V	55.0V	62.5V
Cathode Mark	▲▼▲	◀◀◀	<<<	◆◆◆	◆◆◆	●●●	●●●	∿∿∿	∿∿∿

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)	1.02 IN (26.0 mm)	0.12 IN (3.0 mm)	0.024 IN (0.6 mm)
2CL72-74	0.39 IN (10.0 mm)			
2CL75-77	0.47 IN (20.0 mm)			