

**HIGH VOLTAGE, LOW CURRENT  
SILICON RECTIFIER DIODES**

**VOLTAGE RANGE: 4000 --- 20000 V**

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  $T_{Air} = 25^{\circ}C$  Unless Otherwise Specified)

**2CL FAST RECOVERY**

Average Maximum Forward Current $I_F$ Max @ $T_{Air} = 30^{\circ}C$	5.0 mA
Max Surge Current (1 Cycle)	0.5 A
Max DC Reverse Current (25°C)	2.0 $\mu A$
Max DC Reverse Current (100°C)	5.0 $\mu A$
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.

