

## 2CL2

### HIGH VOLTAGE, MEDIUM CURRENT SILICON RECTIFIER DIODES

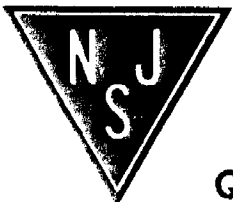
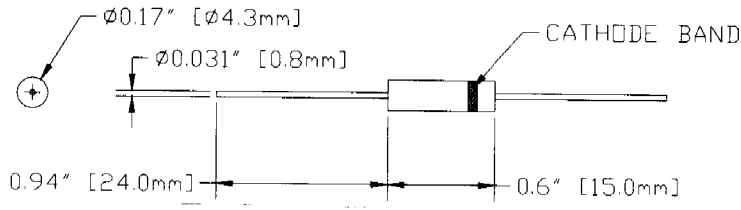


EDI TYPE #	STANDARD RECOVERY				FAST RECOVERY				ULTRA FAST RECOVERY		
	2CL2F	2CL2G	2CL2H	2CL2J	2CL2FF	2CL2FG	2CL2FH	2CL2FJ	2CL2FK	2CL2FL	2CL2FM
PRV VOLTS	8,000	10,000	12,000	15,000	8,000	10,000	12,000	15,000	10,000	15,000	20,000
Forward Voltage Drop @ 100mA	10V	12V	13V	16V	16V	18V	20V	24V	22V	26V	35V

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

	2CL2 STANDARD RECOVERY	2CL2FF-2CLFJ FAST RECOVERY	2CL2FK-2CLFM ULTRA FAST RECOVERY
Average Maximum Forward Current I <sub>F</sub> Max @ T <sub>Air</sub> = 40°C	0.10 A	0.06 A	0.10 A
Average Maximum Forward Current I <sub>F</sub> Max @ T <sub>Oil</sub> = 55°C	0.22 A	0.12 A	0.22 A
Max Surge Current (1/2 Cycle, 60 Hz)	20 A	10 A	10 A
Max DC Reverse Current (25°C)	2.0 μA	2.0 μA	2.0 μA
Max DC Reverse Current (100°C)	40.0 μA	50.0 μA	50.0 μA
Reverse Recovery Time	-	150 nSec	100 nSec
Operating Temperature Range	-55 To 150°C		
Storage Temperature Range	-55 To 150°C		

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.



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