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2CL2

HIGH VOLTAGE, MEDIUM CURRENT SILICON RECTIFIER DIODES

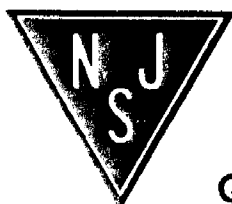
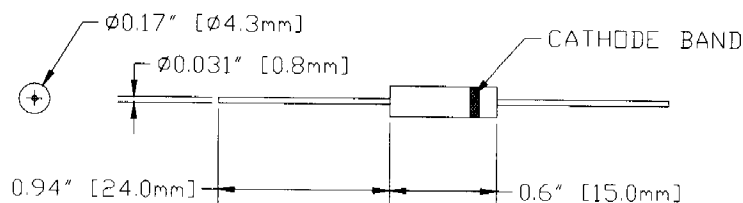


	STANDARD RECOVERY				FAST RECOVERY				ULTRA FAST RECOVERY		
EDI TYPE #	2CL2F	2CL2G	2CL2H	2CL2J	2CL2FF	2CL2FG	2CL2FH	2CL2FJ	2CL2FK	2CL2FL	2CL2FM
PRV VOLTS	8,000	10,000	12,000	15,000	8,000	10,000	12,000	15,000	10,000	15,000	20,000
Forward Voltage Drop @ 100mA	10V	12V	13V	16V	16V	18V	20V	24V	22V	26V	35V

ELECTRICAL CHARACTERISTIC (at $T_{Air} = 25^{\circ}C$ Unless Otherwise Specified)

	2CL2 STANDARD RECOVERY	2CL2FF-2CLFJ FAST RECOVERY	2CL2FK-2CLFM ULTRA FAST RECOVERY
Average Maximum Forward Current I_F Max @ $T_{Air} = 40^{\circ}C$	0.10 A	0.06 A	0.10 A
Average Maximum Forward Current I_F Max @ $T_{Oil} = 55^{\circ}C$	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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Quality Semi-Conductors