



2CL2

HIGH VOLTAGE, MEDIUM CURRENT SILICON RECTIFIER DIODES



EDITYPE#	STANDARD RECOVERY				FAST RECOVERY				ULTRA FAST RECOVERY			
	2CL2F	2CL2G	2CL2H	2CL2J	2CL2FF	2CL2FG	2CL2FH	2CL2FJ	2CL2FK	2CL2FL	2CL2FM	2CL2FP
PRVVOLTS	8000	10000	12000	15000	8000	10000	12000	15000	10000	15000	20000	30000
Forward Voltage Drop @ 100mA	10V	12V	13V	16V	16V	18V	20V	24V	22V	26V	35V	44V

ELECTRICAL CHARACTERISTIC
(at T_{xr}=25°C Unless Otherwise Specified)

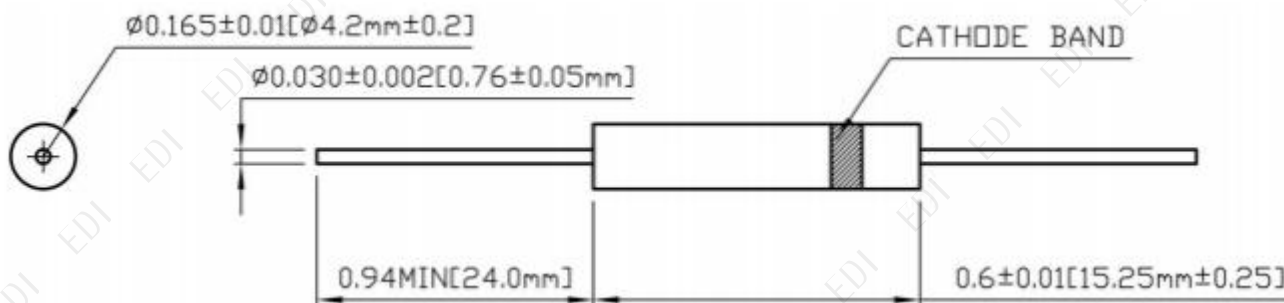
2CL2
STANDARD
RECOVERY

2CL2FF-2CL2FJ
FASTRECOVERY

2CL2FK-2CL2FP ULTRAFAST
RECOVERY

Average Maximum Forward Curent IF Max @ T _{Air} =40°C	0.10A	0.06A	0.10A
Average Maximum Forward Curent IF Max @ T _{Oil} =55°C	0.22A	0.12A	0.22A
Max Surge Curent(1/2Cycle,60Hz)	20A	10A	10A
Max DC Reverse Curent (25°C)	1.0 μ A	1.0 μ A	1.0 μ A
Max DC Reverse Curent (100°C)	40 μ A	50 μ A	50 μ A
Reverse RecoveryTime		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.



ELECTRONIC DEVICES INC DESIGNERS AND MANUFACTURERS OF SOLID STATE DEVICES SINCE 1951.

EDI reserves the right to change these specifications at any time without notice.

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