



Micro Commercial Components

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2CL01

Features

- FOR COLOR TV RECEIVERS / MONITORS
TRIPLER CIRCUIT, DOUBLER CIRCUIT, SINGLE CIRCUIT.
MULTISTAGE SINGULAR FLYBACK TRANSFORMER.
- EXCELLENT HIGH TEMPERATURE OUTPUT CHARACTERISTICS

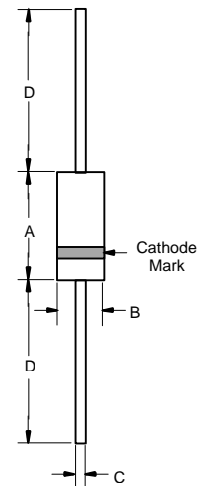
High Voltage
Fast Recovery Rectifier
8kV Volts

Maximum Ratings

- Operating Temperature(T_J): -40°C to +100°C
- Storage Temperature(T_{STG}): -40°C to +120°C

MCC Catalog Number	Device Marking	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
2CL01	-----	8000V	5600V	8000V

2CL01



Electrical Characteristics @ 25°C Unless Otherwise Specified

Average Forward Current	$I_{F(AV)}$	5mA	$T_A = 25^\circ\text{C}$
Peak Forward Surge Current	I_{FSM}	0.5A	50Hz, half sine
Maximum Instantaneous Forward Voltage	V_F	28V	$I_F = 10\text{mA DC}; T_A = 25^\circ\text{C}$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	2.0uA 5.0uA	$V=8\text{kV}, T_A= 25^\circ\text{C}$ $V=8\text{kV}, T_A= 100^\circ\text{C}$
Maximum Reverse Recovery Time	T_{rr}	50ns	$I_F=2\text{mA}, I_{RM}=4\text{mA}$

DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	.252	.260	6.4	6.6	
B	.094	.102	2.40	2.60	Φ
C	.0197(Typ)		0.5(Typ)		Φ
D	1.102	---	28.0	---	