



Micro Commercial Components

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2CL73T

High Voltage
Fast Recovery Rectifier
12kV Volts

Features

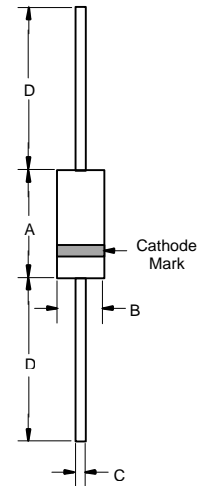
- FOR COLOR TV RECEIVERS / MONITORS
 TRIPLER CIRCUIT, DOUBLER CIRCUIT, SINGLE CIRCUIT.
 MULTISTAGE SINGULAR FLYBACK TRANSFORMER.
- EXCELLENT HIGH TEMPERATURE OUTPUT CHARACTERISTICS

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
2CL73T	-----	12000V	8400V	12000V

2CL73T



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	48V	$I_F = 10\text{mA DC}; T_A = 25^\circ\text{C}$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	2.0uA 5.0uA	$V=12\text{kV}, T_A= 25^\circ\text{C}$ $V=12\text{kV}, T_A= 100^\circ\text{C}$
Maximum Reverse Recovery Time	T_{rr}	80ns	$I_F=2\text{mA}, I_{RM}=4\text{mA}$

DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	.390	.398	9.9	10.1	
B	.0110	.126	2.80	3.20	Φ
C	.0236(Typ)		0.6(Typ)		Φ
D	1.036	---	26.0	---	