



Micro Commercial Components

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 20736 Marilla Street Chatsworth  
 CA 91311  
 Phone: (818) 701-4933  
 Fax: (818) 701-4939

# 2CL73T

**High Voltage**  
**Fast Recovery Rectifier**  
**12kV Volts**

## Features

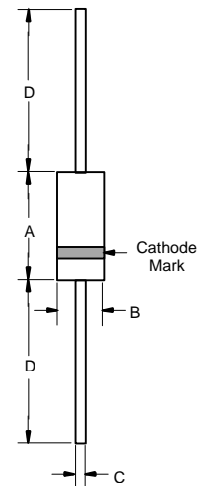
- FOR COLOR TV RECEIVERS / MONITORS  
 TRIPLER CIRCUIT, DOUBLER CIRCUIT, SINGLE CIRCUIT.  
 MULTISTAGE SINGULAR FLYBACK TRANSFORMER.
- EXCELLENT HIGH TEMPERATURE OUTPUT CHARACTERISTICS

## 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	---	