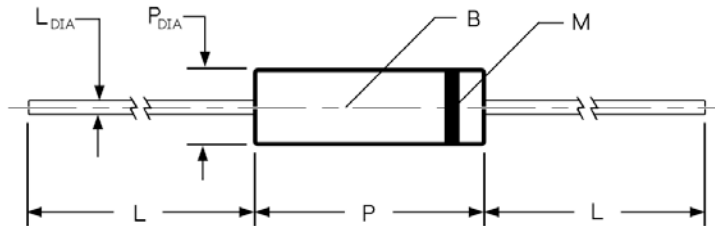




## Dimensional Diagram



	Inches	Millimeters	Notes
L	0.94	24 min.	
L <sub>DIA</sub>	0.024	0.6	
P	0.47	12.0	
P <sub>DIA</sub>	0.12	3.0	
B			Code Lot No.
M			Cathode Mark

## Features

- Resistant to corrosion
- Encapsulated by a hermetically sealed epoxy resin package
- Avalanche breakdown protection
- Lightweight and durable

## Applications

- Electrostatic Precipitator
- High voltage generators
- High voltage testing

## Absolute Maximum Ratings

	Symbol	Value	Unit	Conditions
Repetitive Peak Rev. Volt	V <sub>RRM</sub>	15.0	KV	T <sub>a</sub> =25°C; I(R)=0.02μA
Peak Reverse Voltage	V <sub>RWM</sub>	15.0	KV	T <sub>a</sub> =25°C; I(R)=0.02μA
Non-repetitive Peak Rev.	V <sub>RSM</sub>	17.0	KV	T <sub>a</sub> =25°C; I(R)=0.02μA
Average Forward Current	I <sub>F(AV)</sub>	0.0	A	50Hz; T(break)=50°C
Reverse Recovery Time	T <sub>RR</sub>	100.0	nS	I(F)=10mA; I(R)=20mA; I(RR)=5mA
Surge Forward Current	I <sub>FSM</sub>	1.0	A	0.01S@ Half-Sine wave, 50Hz
Operating Temperature	T <sub>A</sub>	-40 to 120	°C	
Storage Temperature	T <sub>STG</sub>	-40 to 120	°C	

## Electrical Characteristics

	Symbol	Value	Unit	Conditions
Forward Peak Voltage	$V_{FM}$	35.0	V	@ $T_a=25^\circ\text{C}$ ; $I(F)=0.02\text{A}$
Peak Reverse Current	$I_{RRM1}$	2.0	$\mu\text{A}$	@ $T_a=25^\circ\text{C}$ ; $V(RM)=V(RRM)$
	$I_{RRM2}$	10.0	$\mu\text{A}$	@ $T_a=25^\circ\text{C}$ ; $V(RM)=V(RRM)$

