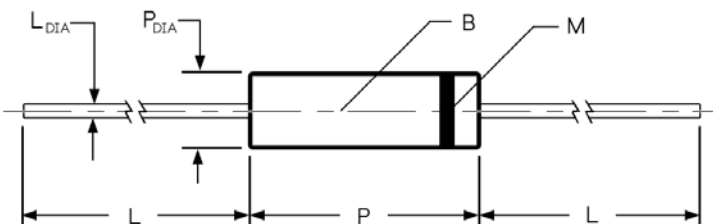




Dimensional Diagram



Millimeters		Notes
L	20 min.	
L _{DIA}	φ 1.0	
P	15.0	
P _{DIA}	φ 4.5	
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 _{RRM}	5	KV	
Maximum Junction Temp.	T _{jmax}	+125	°C	
Storage Temperature	T _{stg}	-40 to +125	°C	
Average Forward Current	I _o	25	mA	
Forward Surge Current	I _{FSM}	3.0	A	

Electrical Characteristics

	Symbol	Value	Unit	Conditions
Normal Temperature Reverse Current	I _{R1}	2.0 max	μA	V(R)=V(RRM)
High Temperature Reverse Current	I _{R2}	50 max	μA	V(R)=V(RRM), Tamb=100°C
Reverse Breakdown Voltage	V _F	16.0	V	I(F)=150mA
Reverse Recovery Time	T _{rr}	75	nS	I(F)=50mA, I(R)=100mA

