



# DB3

TRIGGER DIODES (Package DO-35)

## Description

High reliability glass passivation insuring parameter stability and against contamination.

## Absolute Maximum Ratings (Ta=25°C)

- Maximum Temperatures
  - Storage Temperature ..... -40 ~ +125 °C
  - Junction Temperature ..... -40 ~ +110 °C
- Maximum Power Dissipation
  - Total Power Dissipation (Ta=25°C) ..... 150 mW
- Maximum Voltages and Currents
  - Breakover Voltage ..... 32 V
  - Breakover Voltage symmetry ..... ±3 V
  - Repetitive peak on-state Current ..... 2 A

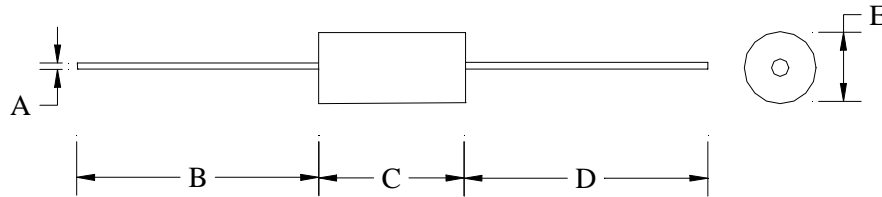
## Characteristics (Ta=25°C)

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
VBO	28	32	36	V	C=22nF
[  +VBO  ]-[  -VBO  ]	-	-	±3	V	C=22nF
IV±I	5	-	-	V	I=[ IBO to IF=10mA ]
VO	5	-	-	V	
IBO	-	-	50	uA	C=22nF
tr	-	1.5	-	uS	
IB	-	-	10	uA	VB=0.5 VBO max

\*Pulse Test : Pulse Width ≤380us, Duty Cycle≤2%



### DO-35(Glass) Dimension



DO-35 Glasses Package, HSMC Package Code : L

\*:Typical

DIM	Inches		Millimeters		DIM	Inches		Millimeters	
	Min.	Max.	Min.	Max.		Min.	Max.	Min.	Max.
A	φ0.0181	φ0.0220	φ0.46	φ0.56	D	0.9646	1.2811	24.50	32.54
B	0.9646	1.2811	24.50	32.54	E	φ0.0602	φ0.0787	φ1.53	φ2.00
C	0.1200	0.1700	3.05	4.20					

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