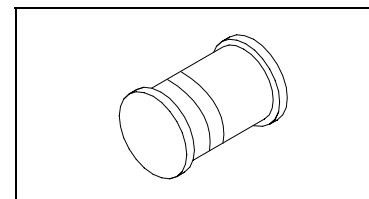




HMMDB3

TRIGGER DIODES



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

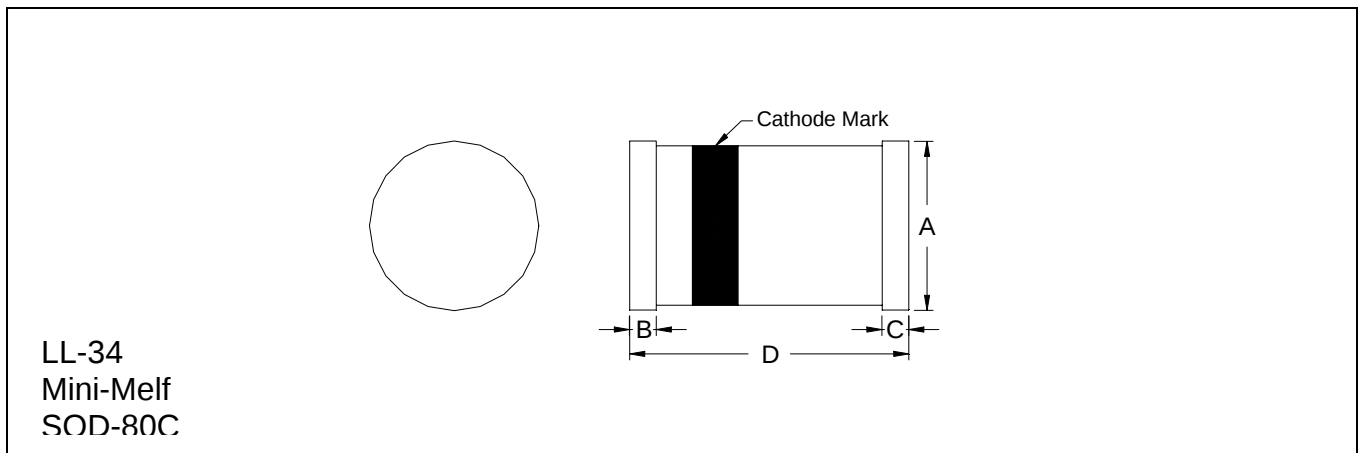
Characteristics (Ta=25°C)

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%



Dimension



*:Typical

DIM	Inches		Millimeters		DIM	Inches		Millimeters	
	Min.	Max.	Min.	Max.		Min.	Max.	Min.	Max.
A	0.0512	0.0591	1.30	1.50	C	0.0118	0.0197	0.30	0.50
B	0.0118	0.0197	0.30	0.50	D	0.1260	0.1417	3.2	3.6

Notes : 1.Dimension and tolerance based on our Spec. dated Sep. 30,1999
2.Controlling dimension : millimeters.
3.Maximum lead thickness includes lead finish thickness, and minimum lead thickness is the minimum thickness of base material.
4.If there is any question with packing specification or packing method, please contact your local HSMC sales office.

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