

TRIGGER DIODES

FEATURES

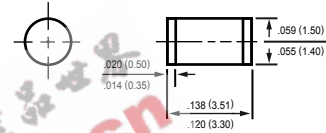
- * V_{BO}: 32V/34V/40V VERSIONS
- * Low Breakover Current

DESCRIPTION

High reliability glass passivation insuring parameter stability and protection against junction contamination



LL-34



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified.
Single phase, half wave, 60 Hz, resistive or inductive load.
For capacitive load, derate current by 20%.

Dimensions in inches and (millimeters)

MAXIMUM RATINGS (At T_A = 25°C unless otherwise noted)

RATING	SYMBOL	VALUE	UNITS
Repetitive Peak On-State Current tp=20uA,F=100Hz	I _{TRM}	2	A
Power Dissipation (@ T _A =50°C)	P	150	mW
Derate Above +50°C		4.0	mW/°C
Storage Temperature Range	T _{STG}	-40 to + 125	°C
Junction Temperature	T _J	125	°C

ELECTRICAL CHARACTERISTICS (At T_A = 25°C unless otherwise noted)

RATING	SYMBOL	VALUE				UNITS
		DB3S-1		DB3S-2		
Breakover Voltage(Forward and Reverse) at I _{BO} ,C=22nF**	V _{BO}	Min 30	Max 34	Min 28	Max 36	Volts
Maximum Breakover Voltage Symmetry delta V _{BO} = +V _{BO} - -V _{BO} C=22nF	delta V _{BO}	+/-2				Volts
Minimum Dynamic Breakover Voltage delta I=I _{BO} to I _F =10mA (see Fig3)	delta V+/-	5				Volts
Minimum Output Voltage* (see Fig 2)	V _O	5				Volts
Peak Breakover Current at Breakorver Voltage* C=22nF**	I _{BO}	25		100		uA
Rise Time* (see Fig3)	t _r	1.5				uS
Leakage Current* V _B =0.5V _{BO} max (see Fig1)	I _B	10				uA

NOTES: 1. *Electrical characteristic applicable in both forward and reverse derections.

2007-1

2.**Connected in parallel with the devices.

3. "Fully ROHS compliant", "100% Sn plating (Pb-free)".





EEPW 电子产品世界
.com.cn