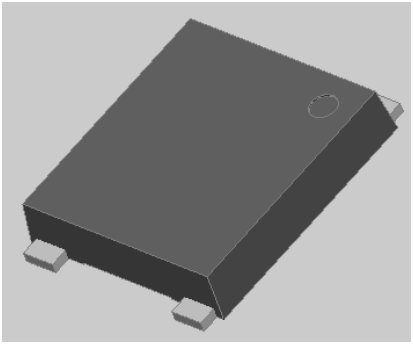
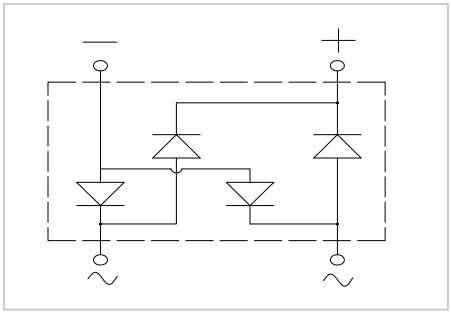
RoHS
COMPLIANT





- UL recognition, file #E313149
- Glass passivated chip junction
- Ideal for automated placement
- High surge current capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

General purpose use in AC/DC bridge full wave rectification for SMPS, lighting ballaster, adapter, battery charger, home appliances, office equipment, and telecommunication applications.

- : YBS
  Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, Halogen-free
- : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- As marked on body

■ (T_a=25 Unless otherwise specified

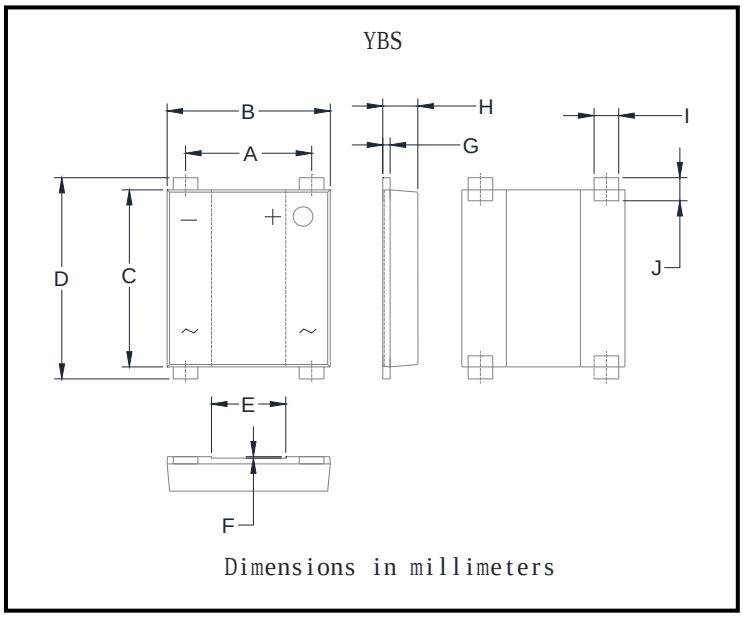
Device marking code			YBSL3008A
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	800
Maximum RMS Voltage	V_{RMS}	V	560
Maximum DC blocking Voltage	V_{DC}	V	800
Average rectified output current @60Hz sine wave, R-load, Tc=125	I_O	A	3.0
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave,1 cycle, Tj=25	I_{FSM}	A	120
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			240
Current squared time @1ms≤t<8.3ms Tj=25 Rating of per diode	I^2t	A^2s	59.8
Storage temperature	Tstg		-55 ~ +150
Junction temperature	Tj		-55 ~ +150

■ T_a=25 Unless otherwise specified

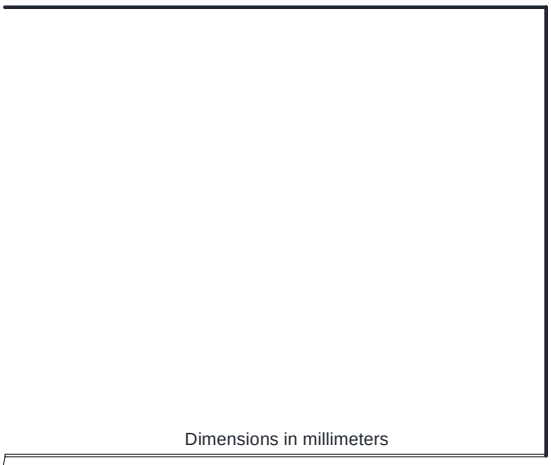
Instantaneous forward voltage drop per diode	V_F	V	I_{FM}=1.5A	0.7	0.87	0.92
DC reverse current at rated DC blocking voltage per diode	I_R	μA	T_j=25	-	0.1	5
			Tj=125	-	35	100
Junction capacitance	Cj	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	20	38	60

■ T_a=25 Unless otherwise specified

■



Dim	Min	Max
A	5.00	5.20
B	6.50	6.70
C	7.20	7.40
D	7.90	8.60
E	2.90	3.10
F	0.04	0.08
G	0.27	0.40
H	1.30	1.50
I	0.95	1.15
J	0.70	1.05



P1	9.15
P2	7.10
Q1	1.80
Q2	2.00

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