■Maximum Ratings (T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	[redacted]
Device marking code			
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	800
Maximum RMS Voltage	V_{RMS}	V	560 M B R ' R e
Maximum DC blocking Voltage	V_{DC}		
	o	A	8.0
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave,1 cycle, Tj=25	I_{FSM}	A	250
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			500
Current squared time @1ms≤t≤8.3ms Tj=25 Rating of per diode	I^2t	A^2s	259.4
Storage temperature	T_{stg}		-55 ~ +150
Junction temperature	Tj		-55 ~ +150

■Electrical Characteristics T_a=25 Unless otherwise specified

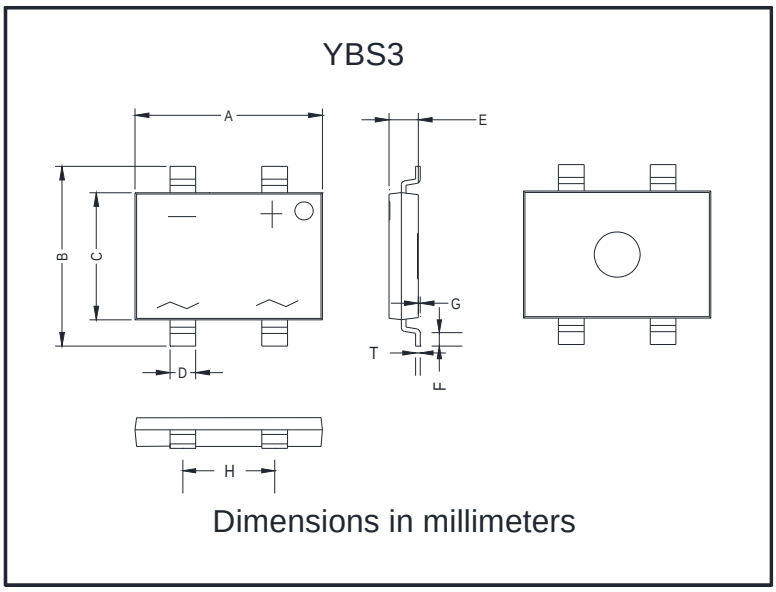
PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	Min	Typ	Max
Instantaneous forward voltage drop per diode	V_F	V	I_{FM}=4.0A	0.7	0.875	0.92
DC reverse current at rated DC blocking voltage per diode	I_R	μA	T_j=25	-	0.18	5
			Tj=125	-	42	100
Junction capacitance	Cj	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	35	74	150

rating, RoHS-compliant, Halogen-free

- **Terminals**: Tin plated leads, solderable per J-STD-002 and JESD22-B102

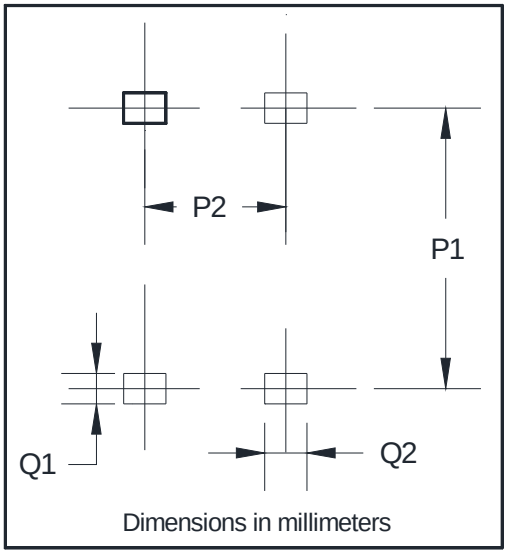
■**Thermal Characteristics** T_a

■ Outline Dimensions



YBS3		
Dim	**Min**	**Max**
A	10.00	10.40
B	9.70	10.10
C	6.80	7.20
D	1.3	1.5
E	1.4	1.8
F	0.5	1.1
G	0	0.15
H	4.9	5.1
T	0.20	0.30

■ Suggested pad layout



YBS3	
Dim	**Min**
P1	9.25
P2	5.00
Q1	1.00
Q2	1.5

Disclaimer

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