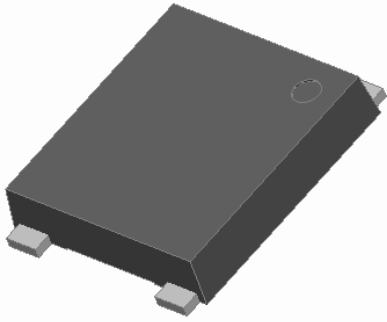


- UL recognition, file #E313149
- Glass passivated chip junction
- Ideal for automated placement
- High surge current capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

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			YBSL3006A
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MM
@60Hz sine wave, R-load, $T_c=125$

I

	o	A	3.0
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, $T_j=25$	I_{FSM}	A	120
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, $T_j=25$			240
Current squared time @1ms≤t<8.3ms $T_j=25$ Rating of per diode	I^2t	A^2s	59.8
Storage temperature	T_{stg}		-55 ~ +150
Junction temperature	T_j		-55 ~ +150

$T_a=25$ Unless otherwise specified

Instantaneous forward voltage drop per diode	V_F	V				
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■ $T_a=25$ Unless otherwise specified

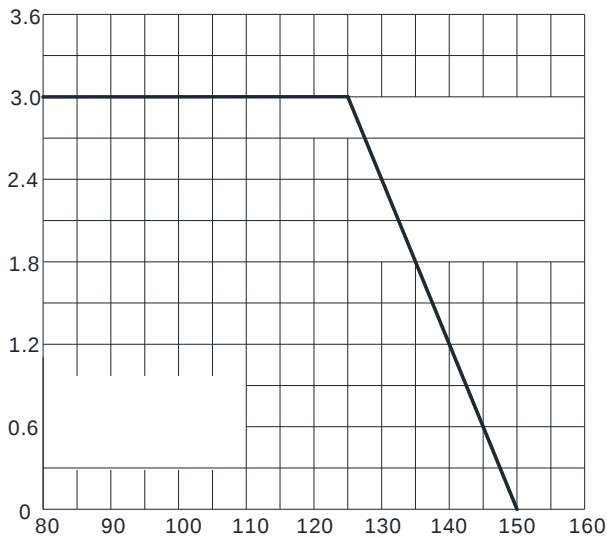
Typical Thermal Resistance	Between Junction and Ambient	$R_{\theta J-A}$	/W	55.0
	Between Junction and Lead	$R_{\theta J-L}$		15.0
	Between Junction and Case	$R_{\theta J-C}$		8.0

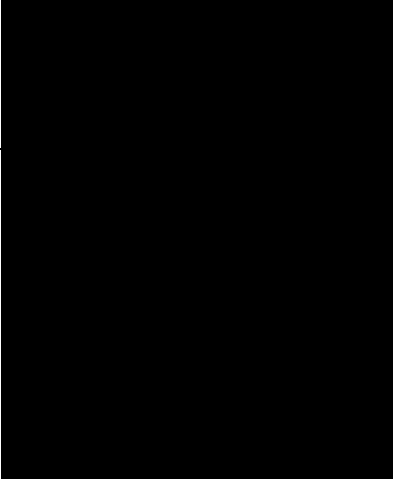
Note: Device mounted on P.C.B with 35mm*25mm*1.7mm.

■ (Example)

YBSL3006A	F1	Approximate 0.220	3000	/	42000	13" reel

■ (Typical)





D	7.90	8.60
7.90	8.0	

P1	9.15
P2	7.10
Q1	1.80
Q2	2.00



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