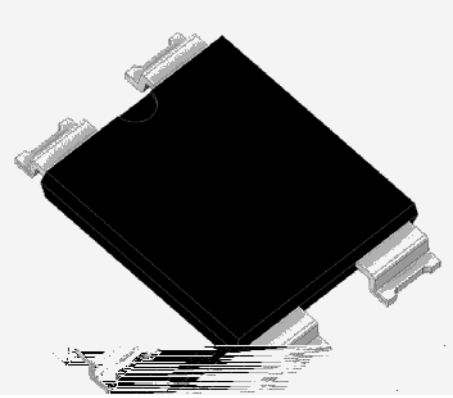
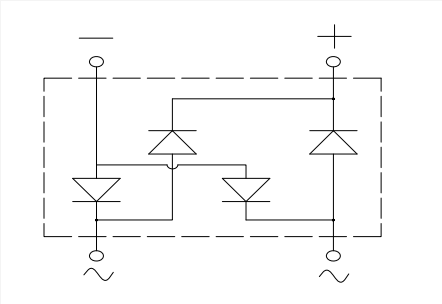




- UL recognition, file #E313149
- Glass passivated chip junction
- Ideal for automated placement
- High surge current capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

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

- : YBS6
  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			YBSN100005	YBSN10001	YBSN10002	YBSN10004	YBSN10006	YBSN10008	YBSN10010
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	50	100	200	400			

■ T_a=25 Unless otherwise specified

Maximum instantaneous forward voltage drop per diode	V_F	V	I_{FM}=5.0A	1.0						
Maximum DC reverse current at rated DC blocking voltage per diode	I_R	μA	T_j=25	5						
			T_j=125	100						
Typical junction capacitance	Cj	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	82						

■ T_a=25 Unless otherwise specified

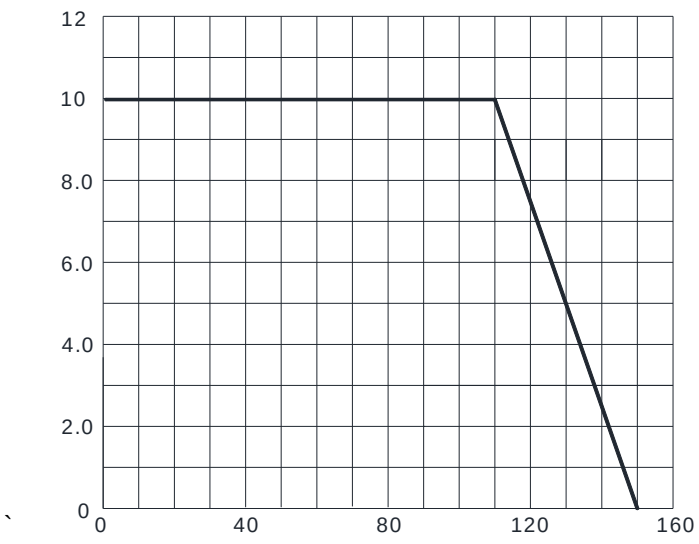
Typical Thermal Resistance	Between Junction and Ambient	$R_{\theta J-A}$	/W	50						
	Between Junction and Lead	$R_{\theta J-L}$		10						
	Between Junction and Case	$R_{\theta J-C}$		2						

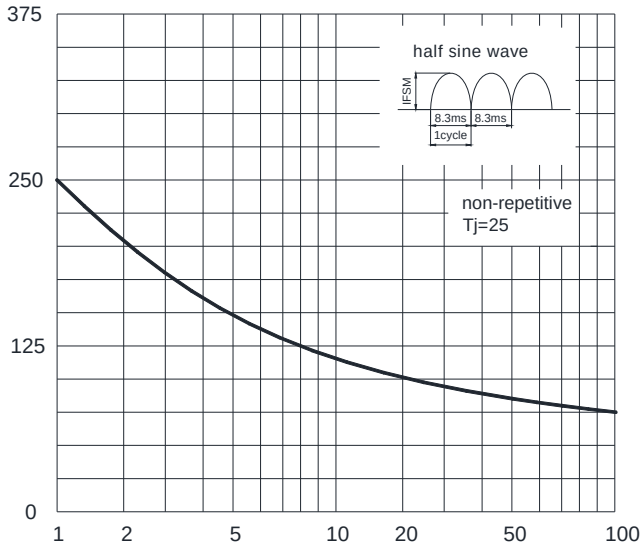
Note: Thermal Resistance mounted on P.C.B with 30mm*15mm*1.6mm

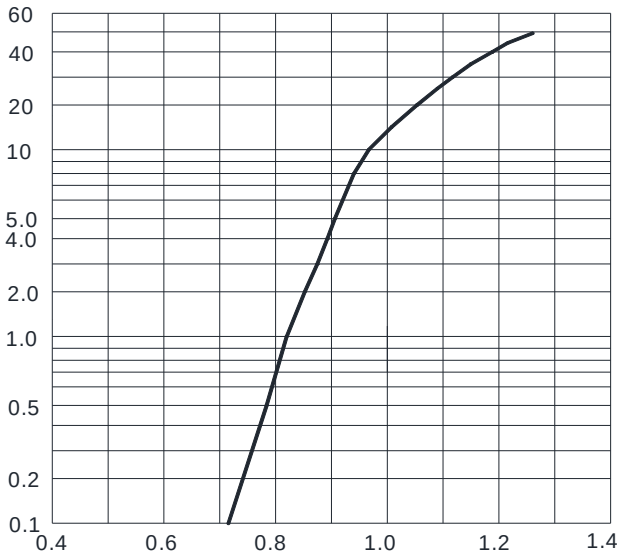
■ (Example)

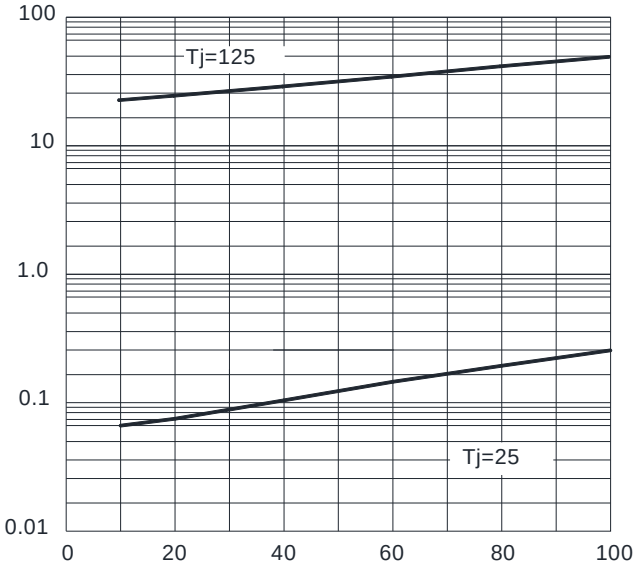
YBSN100005 - YBSN10010	F1	Approximate 0.96	1500	/	21000	13'' Reel

■ (Typical)





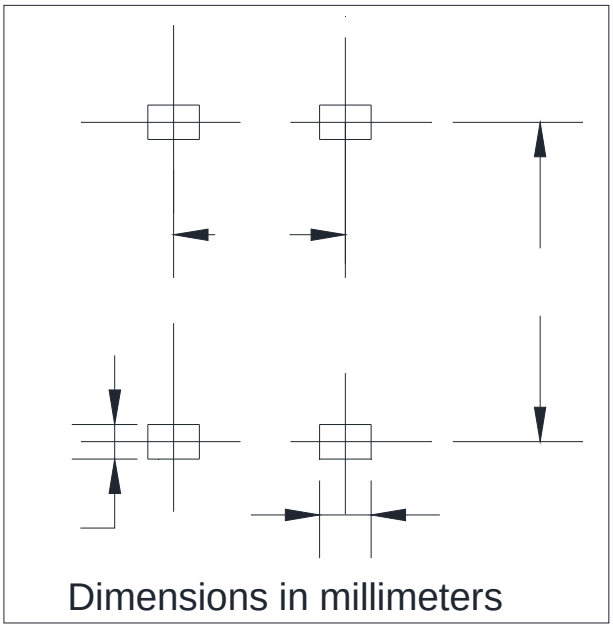




■



A	10.70	11.30
B	15.85	16.65
C	11.70	12.30
D	3.05	3.35
E	1.80	2.20
F	0.70	1.10
G	0	0.20
H	6.55	6.85
T	0.35	0.55



P1	15.50
P2	6.70
Q1	1.00
Q2	3.20

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