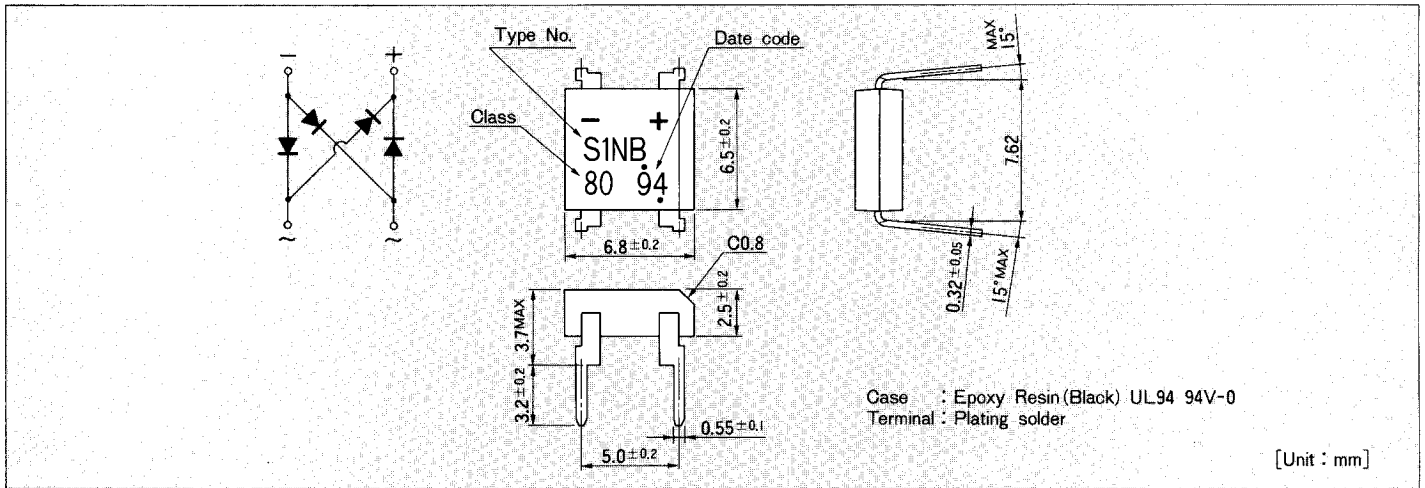


THE ADVANCED 1 AMPERE RECTIFIER DIODES ON THE MARKET TODAY

Compact And Lightweight Construction With Superior Current Characteristics.

OUTLINE DIMENSIONS



FEATURES

- Glass passivated chip.
- Smallest size and lightest weight 1 Amp. rated bridge diodes.
- Stick packages are available for automated assembly machine.

RATINGS

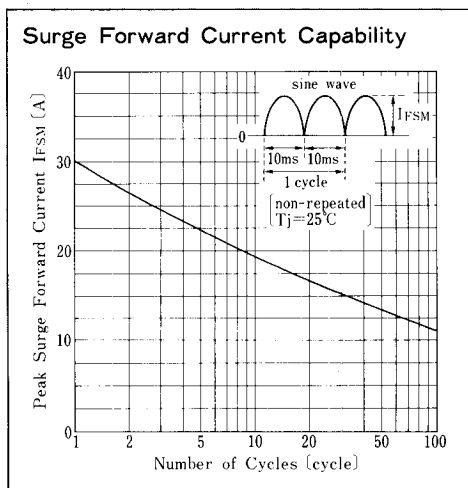
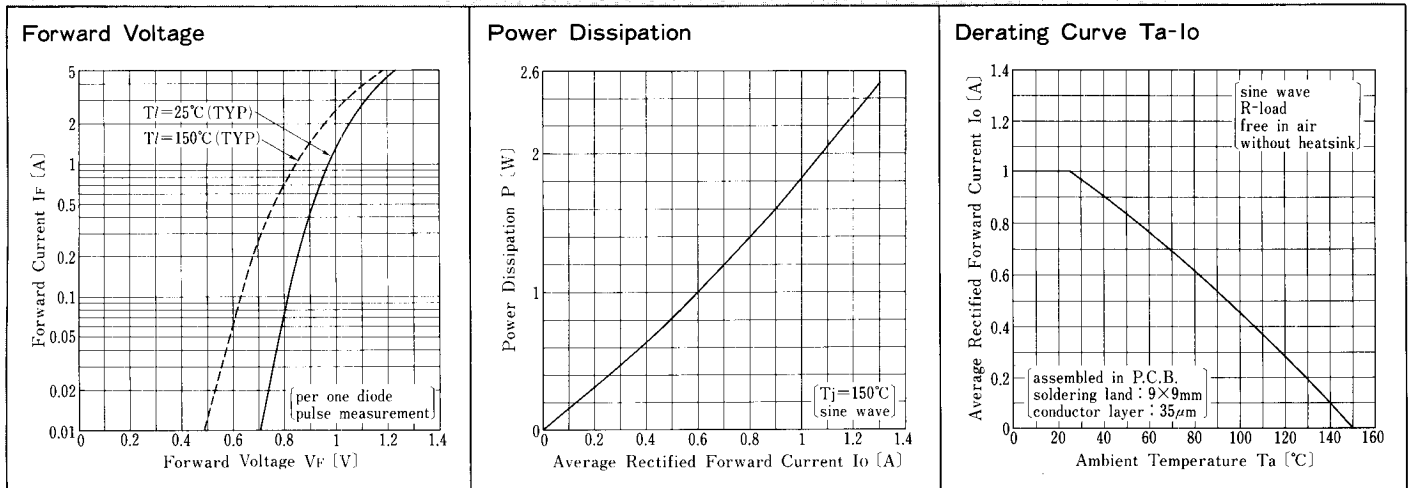
Absolute Maximum Ratings

Item	Symbol	Conditions	Type No.					Unit
			S1NB 10	S1NB 20	S1NB 40	S1NB 60	S1NB 80	
Storage Temperature	T _{stg}		-40 ~ 150					°C
Operating Junction Temperature	T _j		150					°C
Maximum Reverse Voltage	V _{RM}		100	200	400	600	800	V
Average Rectified Forward Current	I _o	50Hz sine wave, Resistive load, T _a =25°C, On P.C.B.	1					A
Peak Surge Forward Current	I _{FSM}	50Hz sine wave, Non-repetitive 1 cycle peak value, T _j =25°C	30					A

Electrical Characteristics (T_j=25°C)

Item	Symbol	Conditions	MAX	Unit
Forward Voltage	V _F	I _F =0.5A, Pulse measurement, Rating of per diode	1.05	V
Reverse Current	I _R	V _R =V _{RM} , Pulse measurement, Rating of per diode	10	μA
Thermal Resistance	θ _{jl}	Between junction and lead	15	°C/W
	θ _{ja}	Between junction and ambient	68	

CHARACTERISTIC DIAGRAMS



● Note : All specifications are subject to change without notice.

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