

# D2SB60A

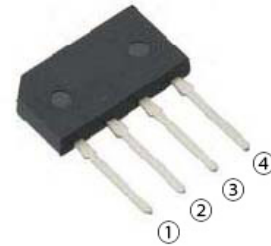
Bridge Diodes  
600V, 2.0A

## Feature

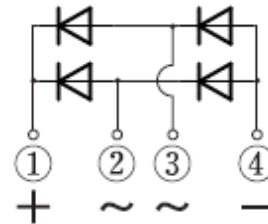
- Compact SIP
- Pb free terminal
- RoHS:Yes

## OUTLINE

Package (House Name): 2S



## Equivalent circuit



## Absolute Maximum Ratings (unless otherwise specified : Tl=25°C)

Item	Symbol	Conditions	Ratings	Unit
Storage temperature	Tstg		-40 to 150	°C
Junction temperature	Tj		-40 to 150	°C
Repetitive peak reverse voltage	V <sub>RRM</sub>		600	V
Average forward current	I <sub>F(AV)</sub>	50Hz sine wave, Resistance load, On glass-epoxy substrate, Tl=115°C ※	2	A
Average forward current	I <sub>F(AV)</sub>	50Hz sine wave, Resistance load, On glass-epoxy substrate, Ta=25°C ※	1.5	A
Surge forward current	I <sub>FSM</sub>	50Hz sine wave, Non-repetitive 1 cycle peak value, Tj=25°C	120	A
Current squared time	I <sup>2</sup> t	1ms ≤ tp < 10ms, Tj=25°C, per diode	60	A <sup>2</sup> s

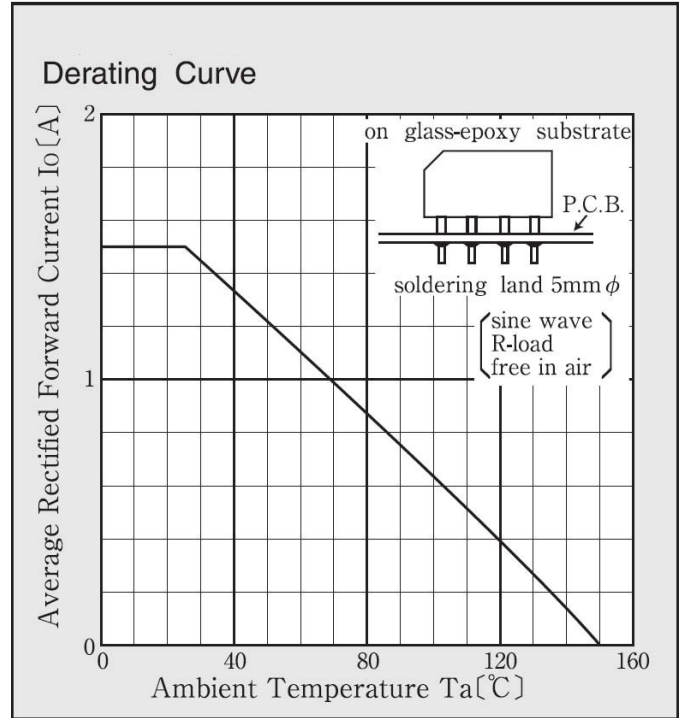
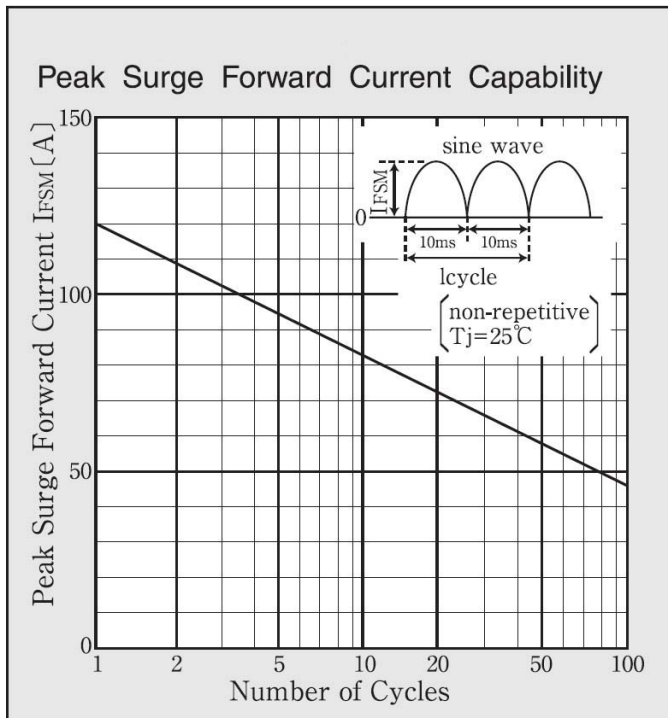
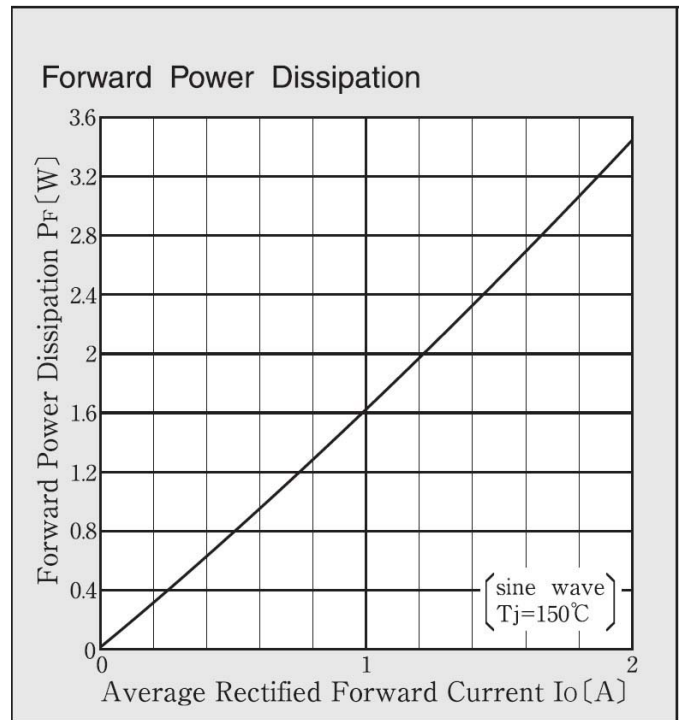
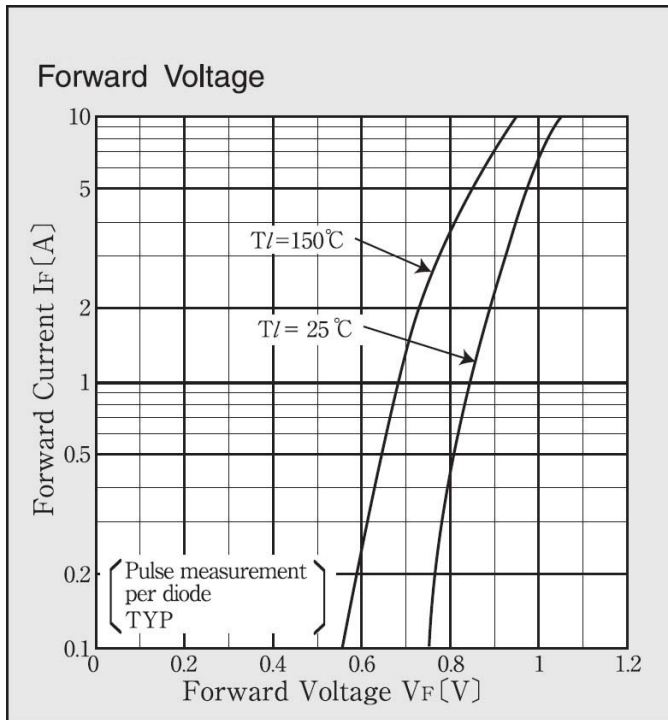
※ : See the original Specifications

**Electrical Characteristics** (unless otherwise specified : Tl=25°C)

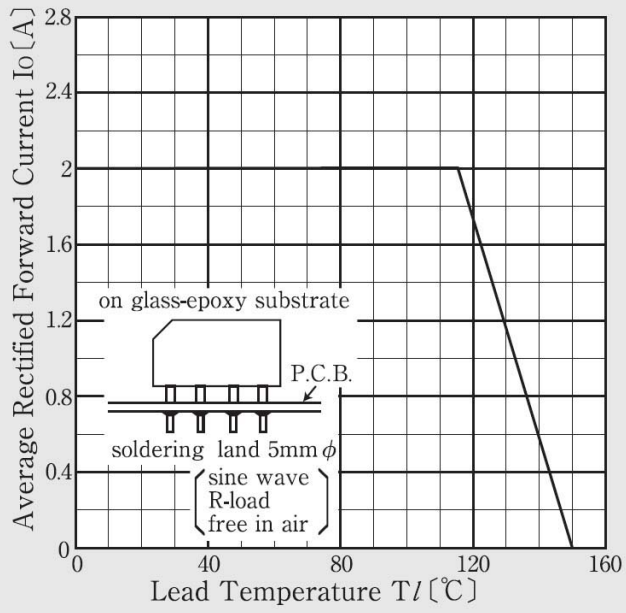
Item	Symbol	Conditions	Ratings			Unit
			MIN	TYP	MAX	
Forward voltage	$V_F$	IF=1A, Pulse measurement, per diode			0.95	V
Reverse current	$I_R$	VR=600V, Pulse measurement, per diode			10	$\mu$ A
Thermal resistance	Rth(j-l)	Junction to lead, On glass-epoxy substrate ※			10	°C/W
Thermal resistance	Rth(j-a)	Junction to ambient, On glass-epoxy substrate ※			47	°C/W

※ :See the original Specifications

# CHARACTERISTIC DIAGRAMS



### Derating Curve





## Notes

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