

S2VB60

Bridge Diodes
600V, 2A

Feature

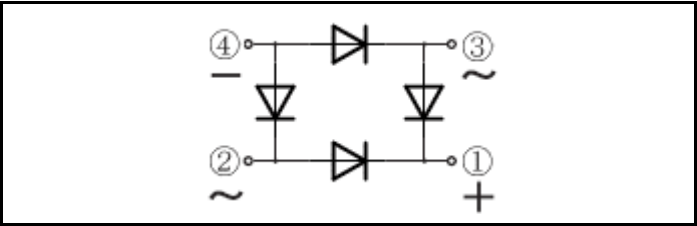
- Input/Outout In-line
- Pb free terminal
- RoHS:Yes

OUTLINE

Package (House Name): S2VB



Equivalent circuit



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

Item	Symbol	Conditions	Ratings	Unit
Storage temperrature	Tstg		-40 to 150	°C
Junction temperature	Tj		-40 to 150	°C
Repetitive peak reverse voltage	VRRM		600	V
Average forward current	IF(AV)	50Hz sine wave, Resistance load, Without heatsink Ta=40°C	2	A
Surge forward current	IFSM	50Hz sine wave, Non-repetitive 1 cycle peak value, Tj=25°C	40	A
Current squared time	I²t	1ms≤tp<10ms, Tj=25°C, per diode	6	A²s
Mounting torque	TOR	(Recommended torque : 0.3N・m)	0.5	N・m

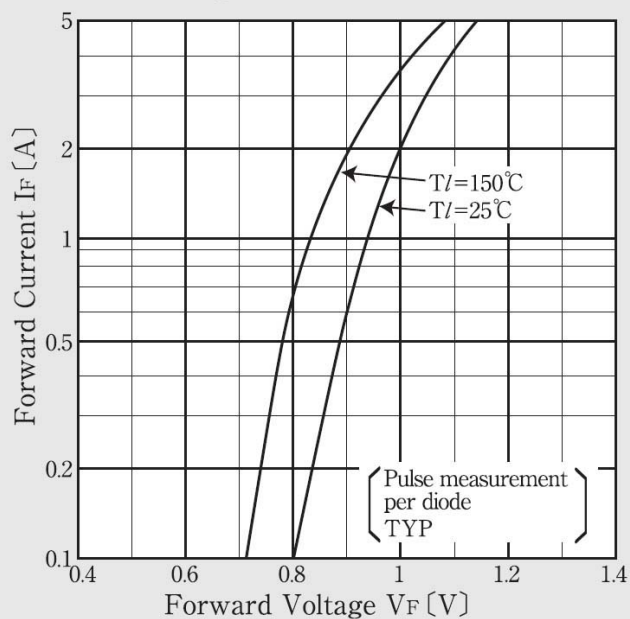
※ :See the original Specifications

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

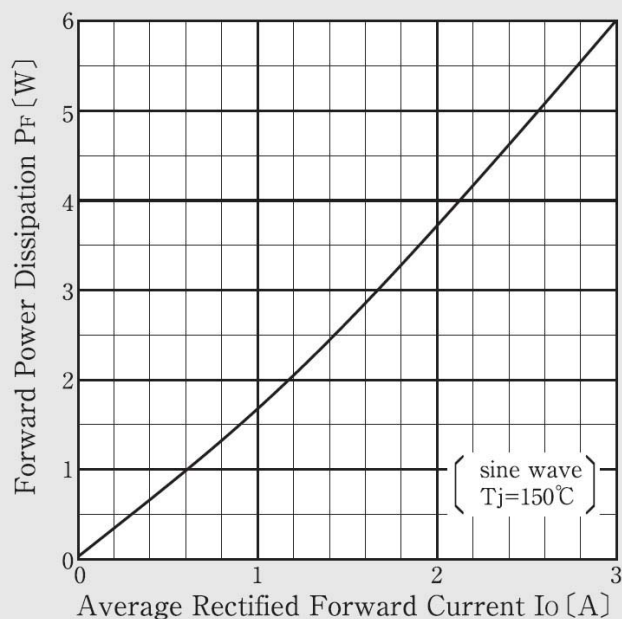
Item	Symbol	Conditions	Ratings			Unit
			MIN	TYP	MAX	
Forward voltage	V_F	$I_F=1A$, Pulse measurement, per diode			1.05	V
Reverse current	I_R	$V_R=600V$, Pulse measurement, per diode			10	μA
Thermal resistance	$R_{th(j-l)}$	Junction to lead, Without heatsink			7	$^{\circ}C/W$

※ :See the original Specifications

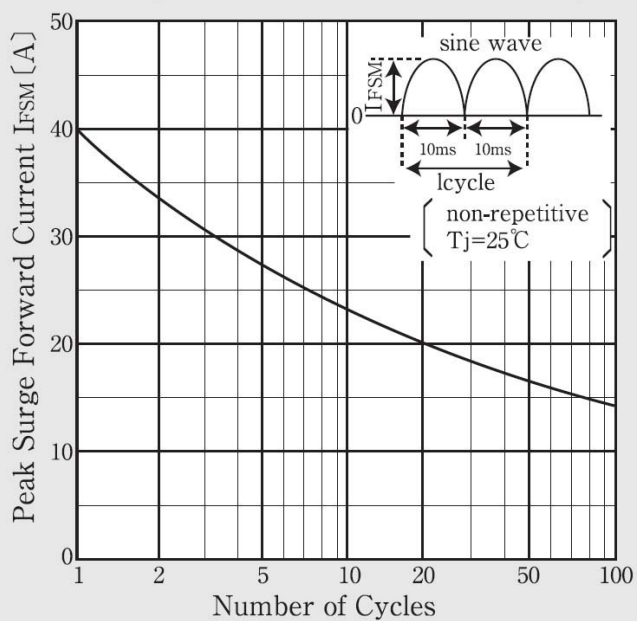
Forward Voltage



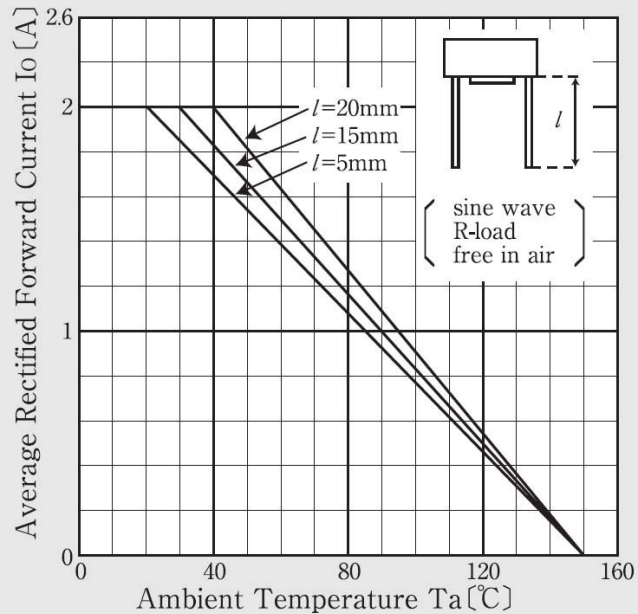
Forward Power Dissipation



Peak Surge Forward Current Capability

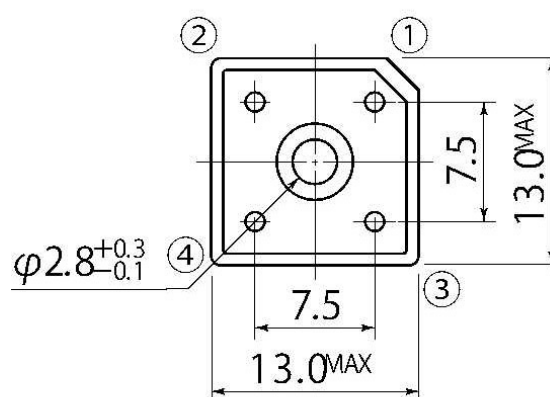
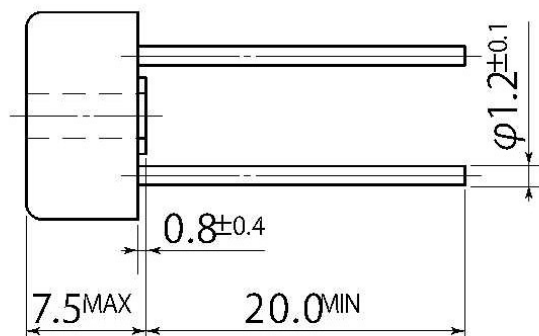


Derating Curve



E3

JEDEC Code	—
JEITA Code	—
House Name	S2VB



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