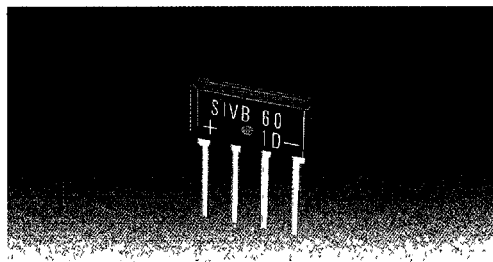
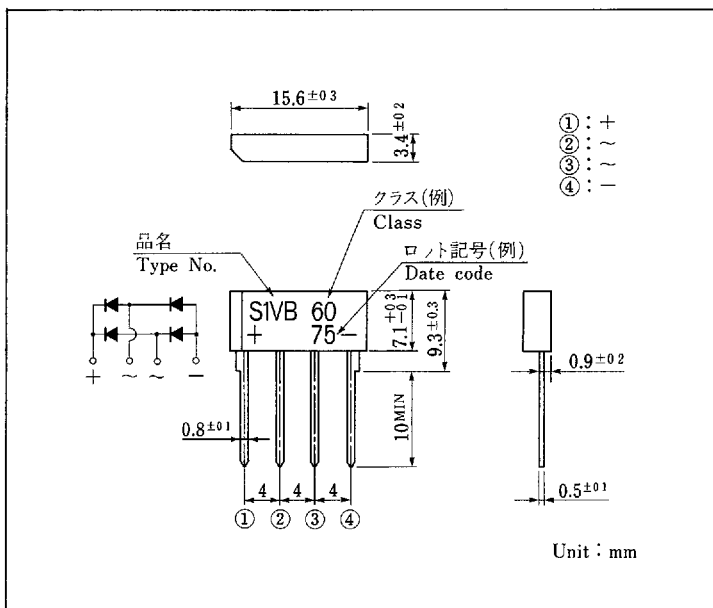


S1VB□

600V 1A



■ 外形寸法図 OUTLINE DIMENSIONS



■ 定格表 RATINGS

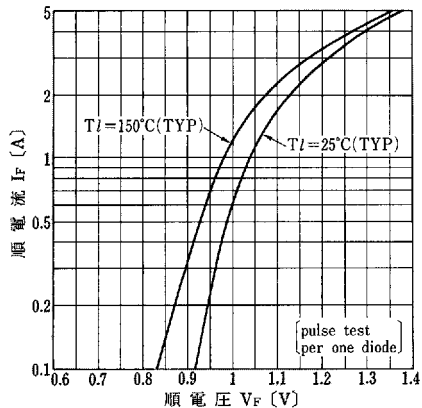
絶対最大定格 Absolute Maximum Ratings

項目 Item	記号 Symbol	条件 Conditions	品名 Type No.	S1VB10	S1VB20	S1VB40	S1VB60	単位 Unit
保存温度 Storage Temperature	Tstg			-40~150				°C
接合部温度 Operating Junction Temperature	Tj			150				°C
せん頭逆電圧 Maximum Reverse Voltage	V _{RM}			100	200	400	600	V
出力電流 Average Rectified Forward Current	I _o	50Hz 正弦波, 抵抗負荷, プリント基板実装, Ta=25°C 50Hz sine wave, R-load, On glass-epoxi substrate, Ta=25°C		1				A
せん頭サージ順電流 Peak Surge Forward Current	I _{FSM}	50Hz 正弦波, 非繰り返し 1 サイクルせん頭値, Tj=25°C 50Hz sine wave, Non-repetitive 1 cycle peak value, Tj=25°C		30				A
電流 2 乗時間積 Current Squared Time	I ² t	1ms ≤ t < 10ms Tc=25°C		4.5				A ² s

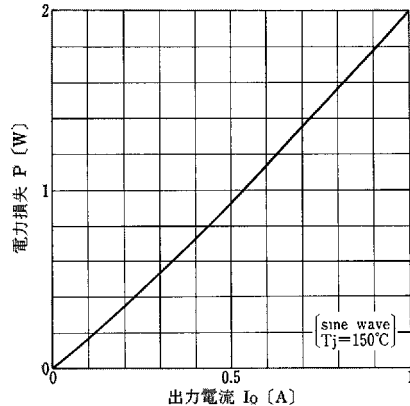
電氣的・熱的特性 Electrical Characteristics (Tl=25°C)

順電圧 Forward Voltage	V _F	I _F =0.5A, パルス測定, 1 素子当りの規格値 Pulse measurement, Rating of per diode		MAX	1.05		V
逆電流 Reverse Current	I _R	V _R =V _{RM} , パルス測定, 1 素子当りの規格値 Pulse measurement, Rating of per diode		MAX	10		μA
熱抵抗 Thermal Resistance	θ _{jl}	接合部・リード間 Between junction and lead		MAX	16		°C/W
	θ _{ja}	接合部・周囲間 Between junction and ambient		MAX	62		

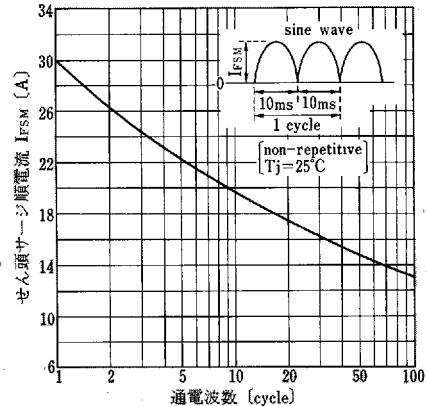
順方向特性
Forward Voltage



電力損失曲線
Power Dissipation



せん頭サーージ順電流耐量
Surge Forward Current Capacity



デレーティングカーブ $T_a - I_o$
Derating Curve $T_a - I_o$

