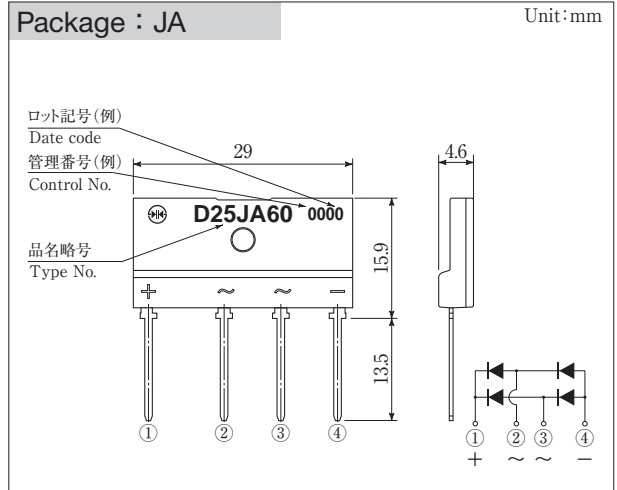


**D25JAB60V****600V 25A****特長**

- 高耐圧
- 高 $I_{FSM}$
- UL E142422

**Feature**

- High Voltage
- Large  $I_{FSM}$
- UL E142422

**■外観図 OUTLINE**

外形図については新電元Webサイトをご参照下さい。捺印表示については捺印仕様をご確認下さい。

For details of the outline dimensions, refer to our web site. As for the marking, refer to the specification "Marking, Terminal Connection".

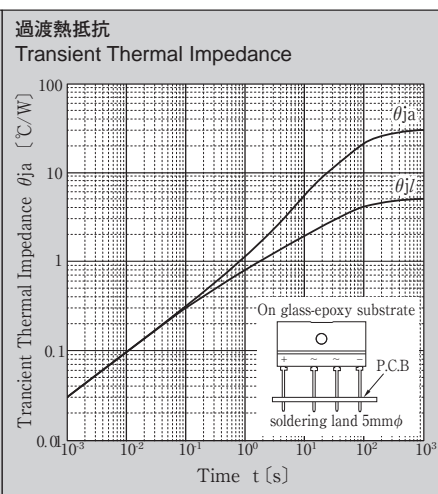
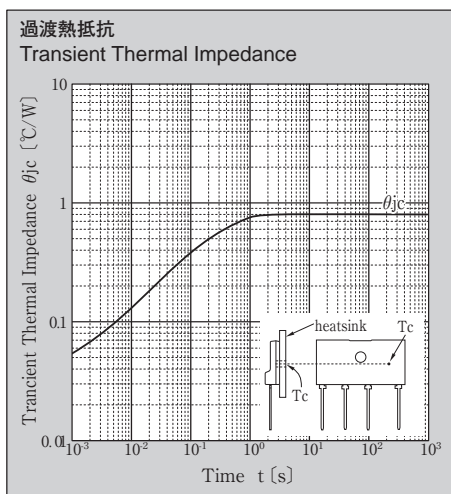
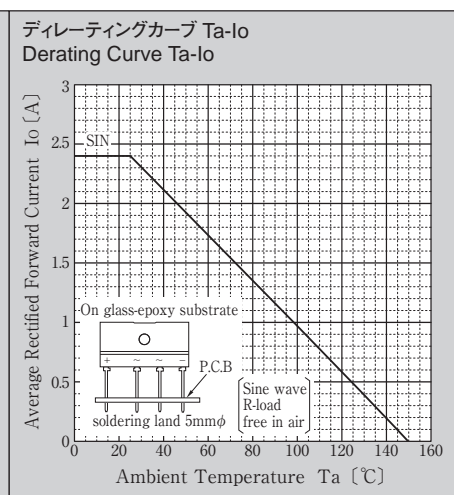
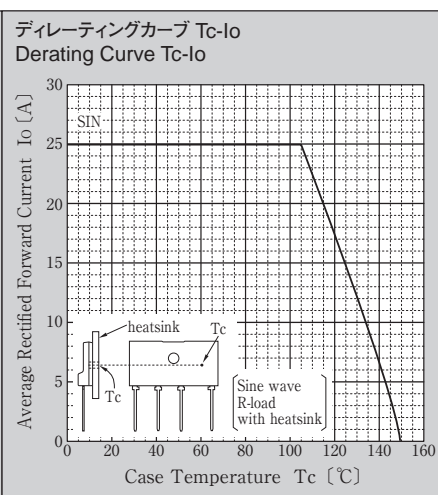
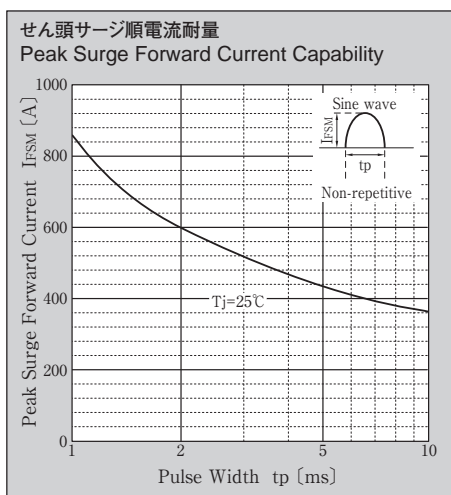
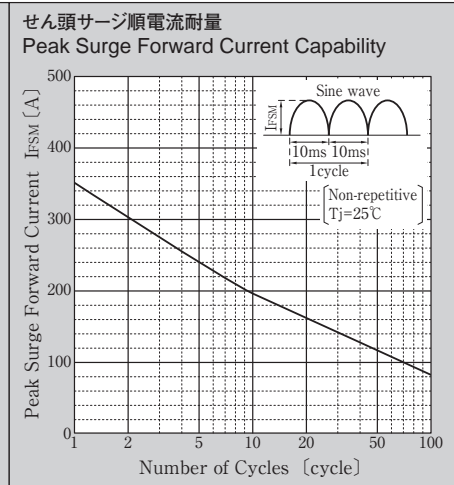
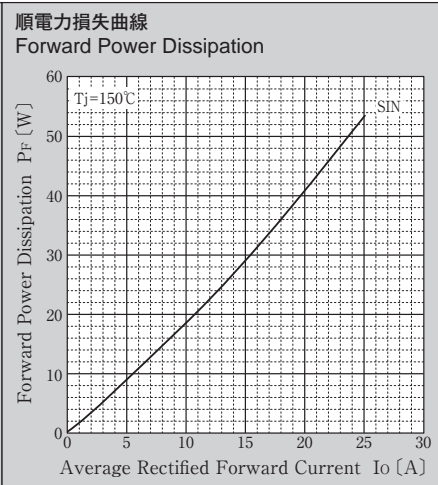
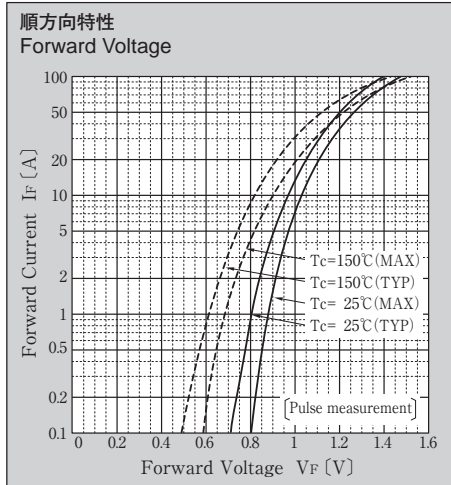
**■定格表 RATINGS****●絶対最大定格 Absolute Maximum Ratings (指定のない場合  $T_c = 25^\circ\text{C}$ )**

項目 Item	記号 Symbol	条件 Conditions		規格値 Ratings	単位 Unit
保存温度 Storage Temperature	$T_{stg}$			- 55 ~ 150	$^\circ\text{C}$
接合部温度 Operation Junction Temperature	$T_j$			150	$^\circ\text{C}$
せん頭逆電圧 Maximum Reverse Voltage	$V_{RM}$			600	V
出力電流 Average Rectified Forward Current	$I_o$	50Hz 正弦波, 抵抗負荷 50Hz sine wave, Resistance load	フィン付き With heatsink $T_c = 107^\circ\text{C}$	25	A
			フィンなし Without heatsink $T_a = 25^\circ\text{C}$	2.4	
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, $T_j = 25^\circ\text{C}$ 50Hz sine wave, Non-repetitive 1 cycle peak value, $T_j = 25^\circ\text{C}$		350	A
	$I_{FSM1}$	tp = 1ms, $T_j = 25^\circ\text{C}$ , 非繰り返し tp = 1ms, $T_j = 25^\circ\text{C}$ , Non-repetitive		870	
絶縁耐圧 Dielectric Strength	$V_{dis}$	一括端子・ケース間, AC 1分間印加 Terminals to case, AC 1 minute		2.5	kV
締め付けトルク Mounting Torque	TOR	(推奨値: 0.5N·m) (Recommended torque: 0.5N·m)		0.8	N·m

**●電氣的・熱的特性 Electrical Characteristics (指定のない場合  $T_c = 25^\circ\text{C}$ )**

順電圧 Forward Voltage	$V_F$	$I_F = 12.5\text{A}$ , パルス測定, 1素子当りの規格値 Pulse measurement, 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, Per diode	MAX 10	$\mu\text{A}$
熱抵抗 Thermal Resistance	$\theta_{jc}$	接合部・ケース間, フィン付き Junction to case, with heatsink	MAX 0.8	$^\circ\text{C}/\text{W}$
	$\theta_{jl}$	接合部・リード間, フィンなし Junction to lead, without heatsink	MAX 5	
	$\theta_{ja}$	接合部・周囲間, フィンなし Junction to ambient, without heatsink	MAX 30	

■特性図 CHARACTERISTIC DIAGRAMS



\* Sine waveは50Hzで測定しています。  
\* 50Hz sine wave is used for measurements.