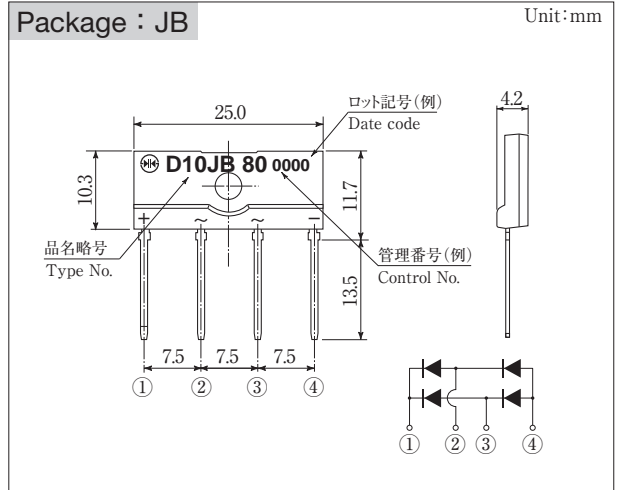


D10JBB80V**800V 10A****特長**

- 高耐圧
- 低背タイプ
- UL 142422

Feature

- High Voltage
- Low Height
- UL 142422

■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}			800	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	$T_c = 129^\circ\text{C}$	10	A
			フィンなし Without heatsink	$T_a = 25^\circ\text{C}$	1.9	
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, $T_j = 25^\circ\text{C}$		150	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		300		
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	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	

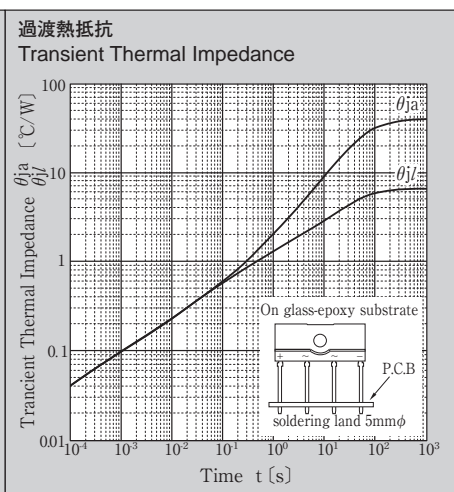
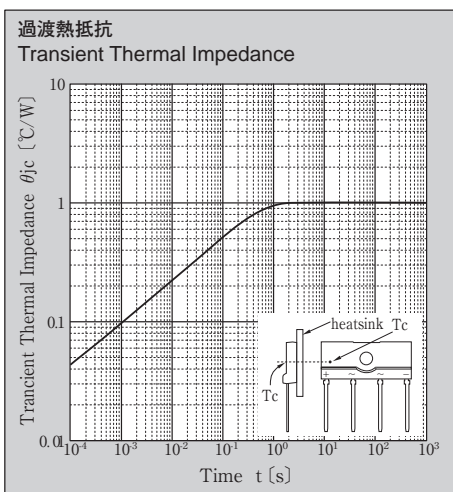
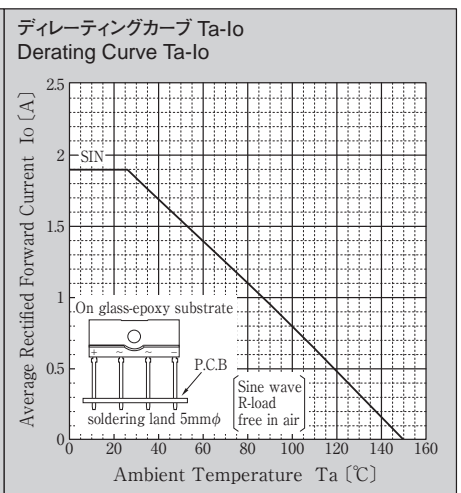
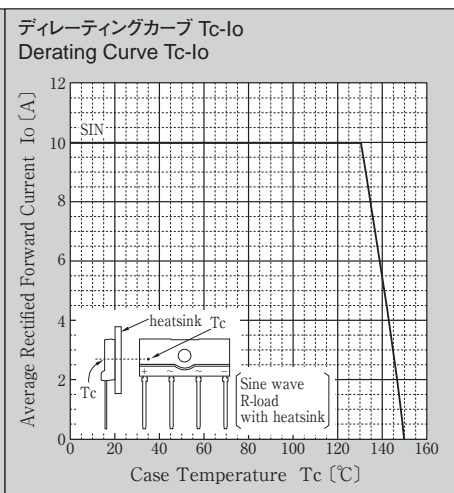
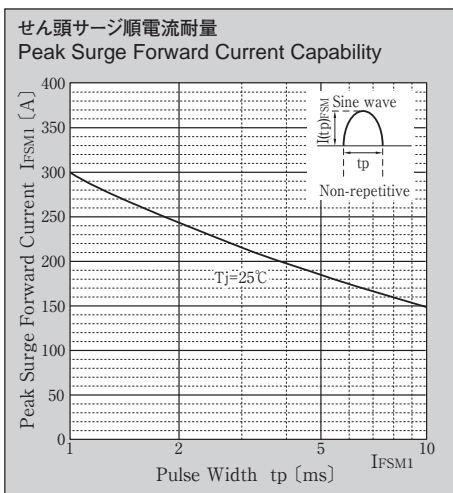
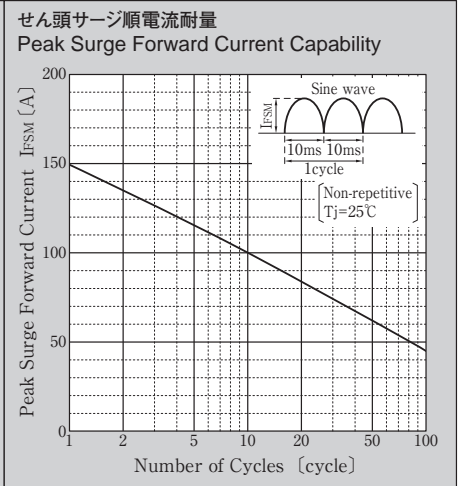
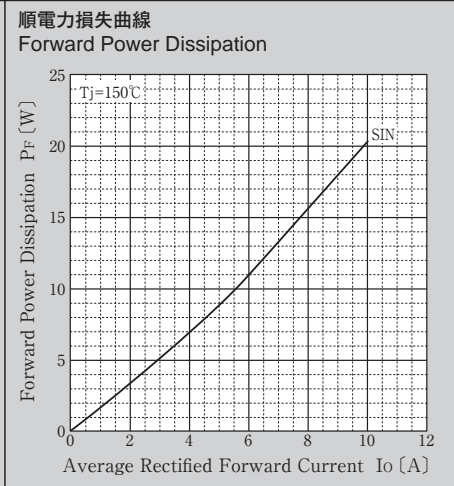
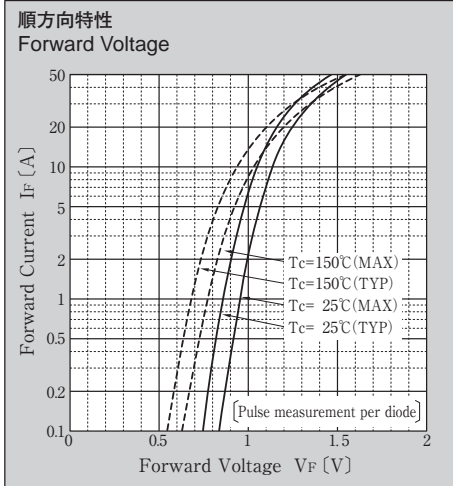
●電氣的・熱的特性 Electrical Characteristics (指定のない場合 $T_c = 25^\circ\text{C}$)

順電圧 Forward Voltage	V_F	$I_F = 5\text{A}$, 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	μA
熱抵抗 Thermal Resistance	θ_{jc}	接合部・ケース間, フィン付き Junction to case, with heatsink	MAX 1	$^\circ\text{C}/\text{W}$
	θ_{jl}	接合部・リード間, フィンなし Junction to lead, without heatsink	MAX 6.5	
	θ_{ja}	接合部・周囲間, フィンなし Junction to ambient, without heatsink	MAX 40	

* θ_{jc} 規格について表面検出 (別紙ディレーティングカーブ参照)

* θ_{jc} is subject to surface detection (Refer to derating curve on the separate sheet)

■特性図 CHARACTERISTIC DIAGRAMS



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