

D1FJ8A**80V 3A****特長**

- 小型SMD
- 低Ir

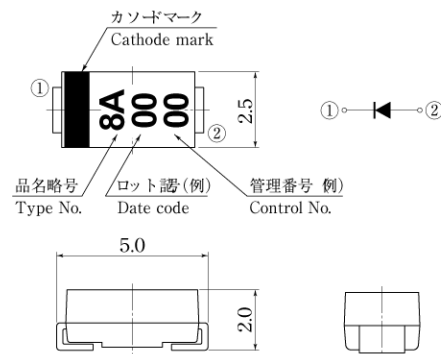
Feature

- Small SMD
- Low Ir

■外観図 OUTLINE

Package : 1F

Unit:mm



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 $Tl = 25^{\circ}\text{C}$)**

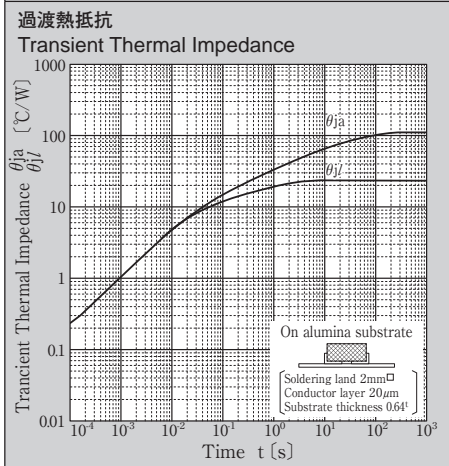
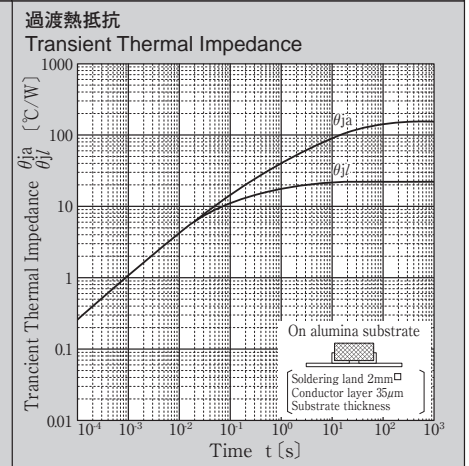
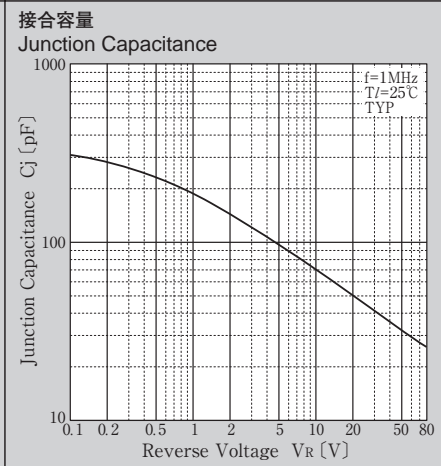
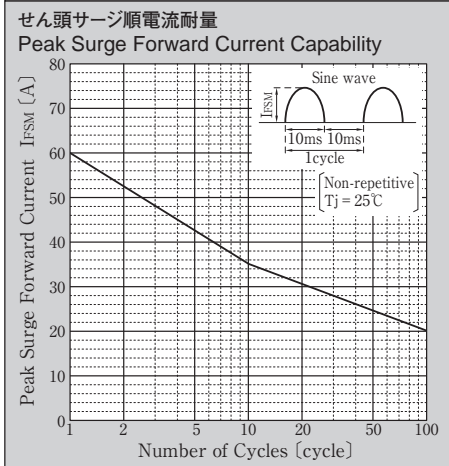
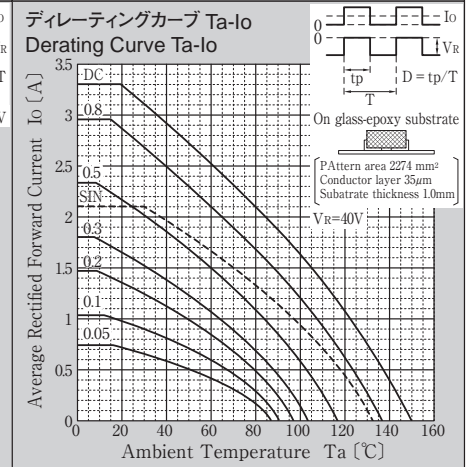
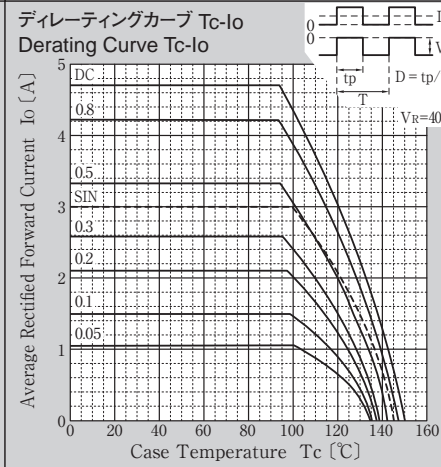
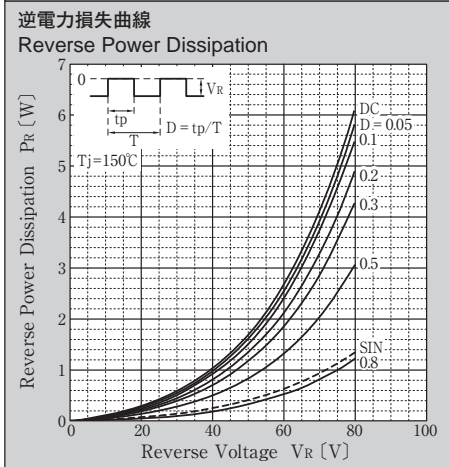
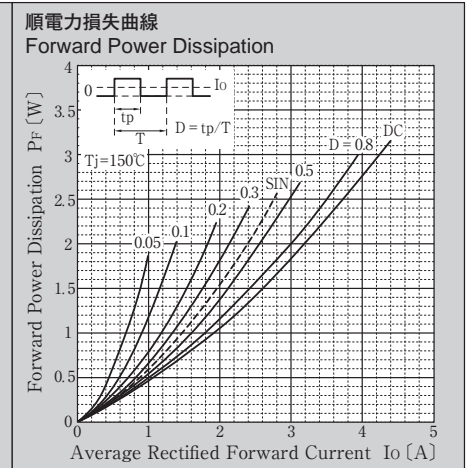
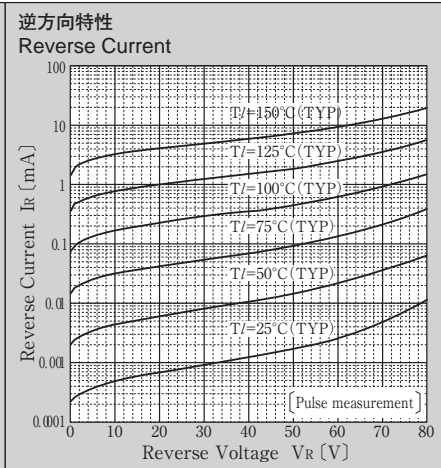
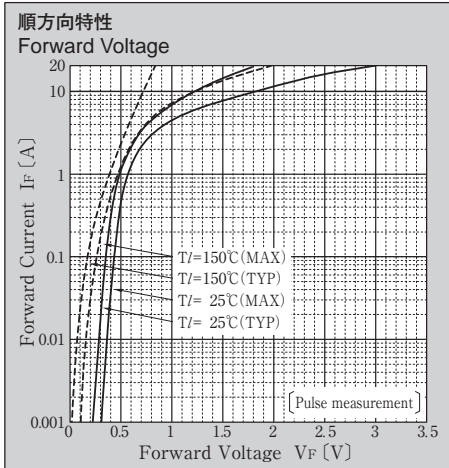
項目 Item	記号 Symbol	条件 Conditions	規格値 Ratings	単位 Unit	
保存温度 Storage Temperature	Tstg		- 55 ~ 150	°C	
接合部温度 Operation Junction Temperature	Tj		150	°C	
せん頭逆電圧 Maximum Reverse Voltage	V _{RM}		80	V	
出力電流 Average Rectified Forward Current	I _O	50Hz正弦波, 抵抗負荷 50Hz sine wave, Resistance load	T _a = 30°C* プリント基板実装 On glass-epoxy substrate	2.1	A
			T _c = 100°C	3	
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°C 50Hz sine wave, Non-repetitive 1 cycle peak value, T _j = 25°C		30	A

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

順電圧 Forward Voltage	V _F	I _F = 3A, パルス測定 Pulse measurement	MAX 0.74	V
逆電流 Reverse Current	I _R	V _R = 80V, パルス測定 Pulse measurement	MAX 400	μA
接合容量 Junction Capacitance	C _j	f = 1MHz, V _R = 10V	TYP 70	pF
熱抵抗 Thermal Resistance	θ _{jc}	接合部・ケース間 Junction to case	MAX 16	°C/W
	θ _{ja}	接合部・周囲間, プリント基板実装* Junction to ambient, On glass-epoxy substrate*	MAX 65	

* 銅箔面積2274mm²* pattern area 2274mm²

■特性図 CHARACTERISTIC DIAGRAMS



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

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【特別用途】

輸送機器(車載、船舶等)、基幹用通信機器、交通信号機器、防災/防犯機器、各種安全機器、医療機器等

【特定用途】

原子力制御システム、航空機器、航空宇宙機器、海底中継機器、生命維持のための装置、システム等

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[Specific applications]

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