

**S3V80****800V 3.5A****特長**

- 高耐圧
- 高IFSM

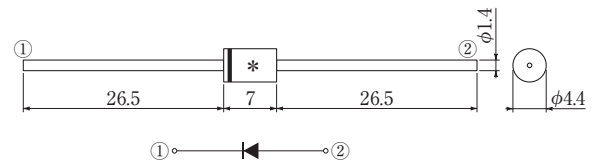
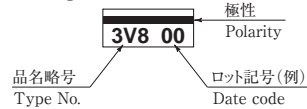
**Feature**

- High Voltage
- Large IFSM

**■外観図 OUTLINE**

Package : AX14

Unit:mm

\* 捺印面展開図  
Marking

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".

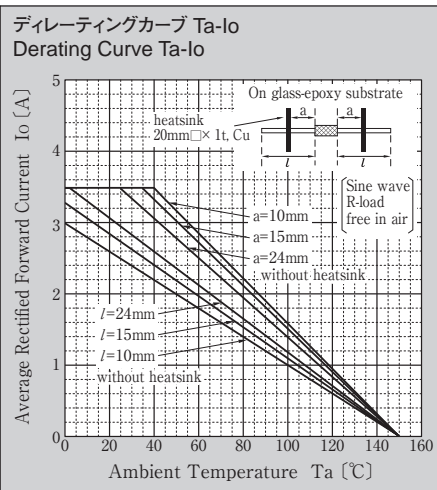
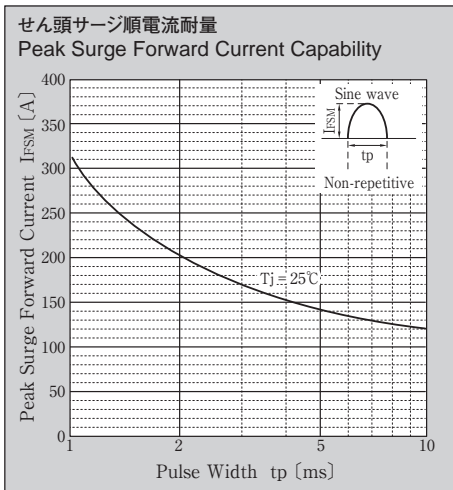
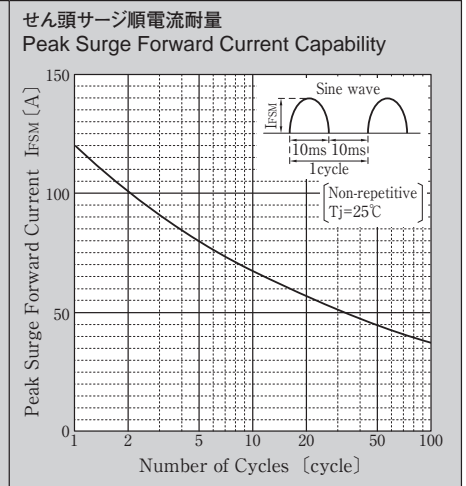
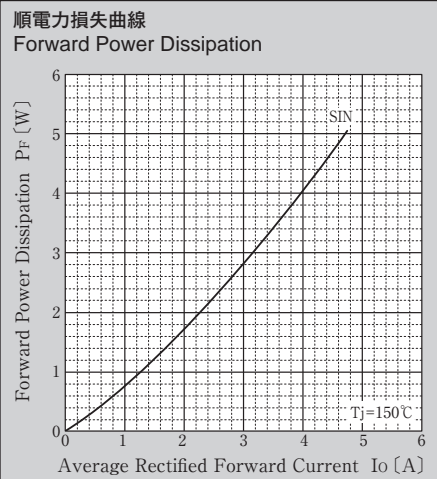
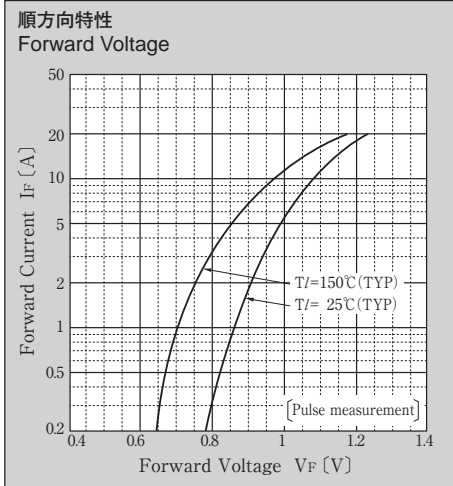
**■定格表 RATINGS****●絶対最大定格 Absolute Maximum Ratings (指定のない場合  $T_l = 25^\circ\text{C}$ )**

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	$T_a=40^\circ\text{C}$ 20×20×1t (mm) 銅板付き, (両リード) $T_a=40^\circ\text{C}$ With 20×20×1t(mm), Copper plate, (both leads.)	3.5
			$T_a=40^\circ\text{C}$ フィンなし $T_a=40^\circ\text{C}$ With heatsink	2.6
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, $T_j=25^\circ\text{C}$	120	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	310	

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

順電圧 Forward Voltage	$V_F$	$I_F = 2.6\text{A}$ , パルス測定 Pulse measurement	MAX 1.05	V
逆電流 Reverse Current	$I_R$	$V_R = V_{RM}$ , パルス測定 Pulse measurement	MAX 10	$\mu\text{A}$
熱抵抗 Thermal Resistance	$\theta_{jl}$	接合部・リード間 Junction to lead	MAX 6.5	$^\circ\text{C}/\text{W}$

■特性図 CHARACTERISTIC DIAGRAMS



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