

D2S6M**60V 2A****特長**

- $T_j=150^\circ\text{C}$
- PRRSM アバランシェ保証

Feature

- $T_j=150^\circ\text{C}$
- PRRSM Rating

用途

- スイッチング電源
- DC/DC コンバータ
- 家電、ゲーム、OA機器
- 通信、ポータブル機器

Main Use

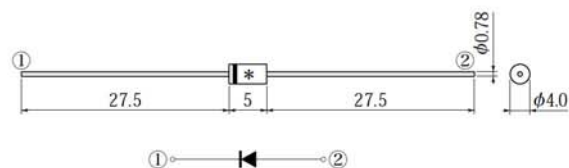
- Switching Regulator
- DC/DC Converter
- Home Appliance, Game, Office Automation
- Communication, Portable set

■外観図 OUTLINE

Package : AX078

Unit:mm

Weight 0.38g (Typ)

* 捺印面展開図
Marking

品名略号
Type No.

D2S 17

極性
Polarity

ロット記号(例)
Date code

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".

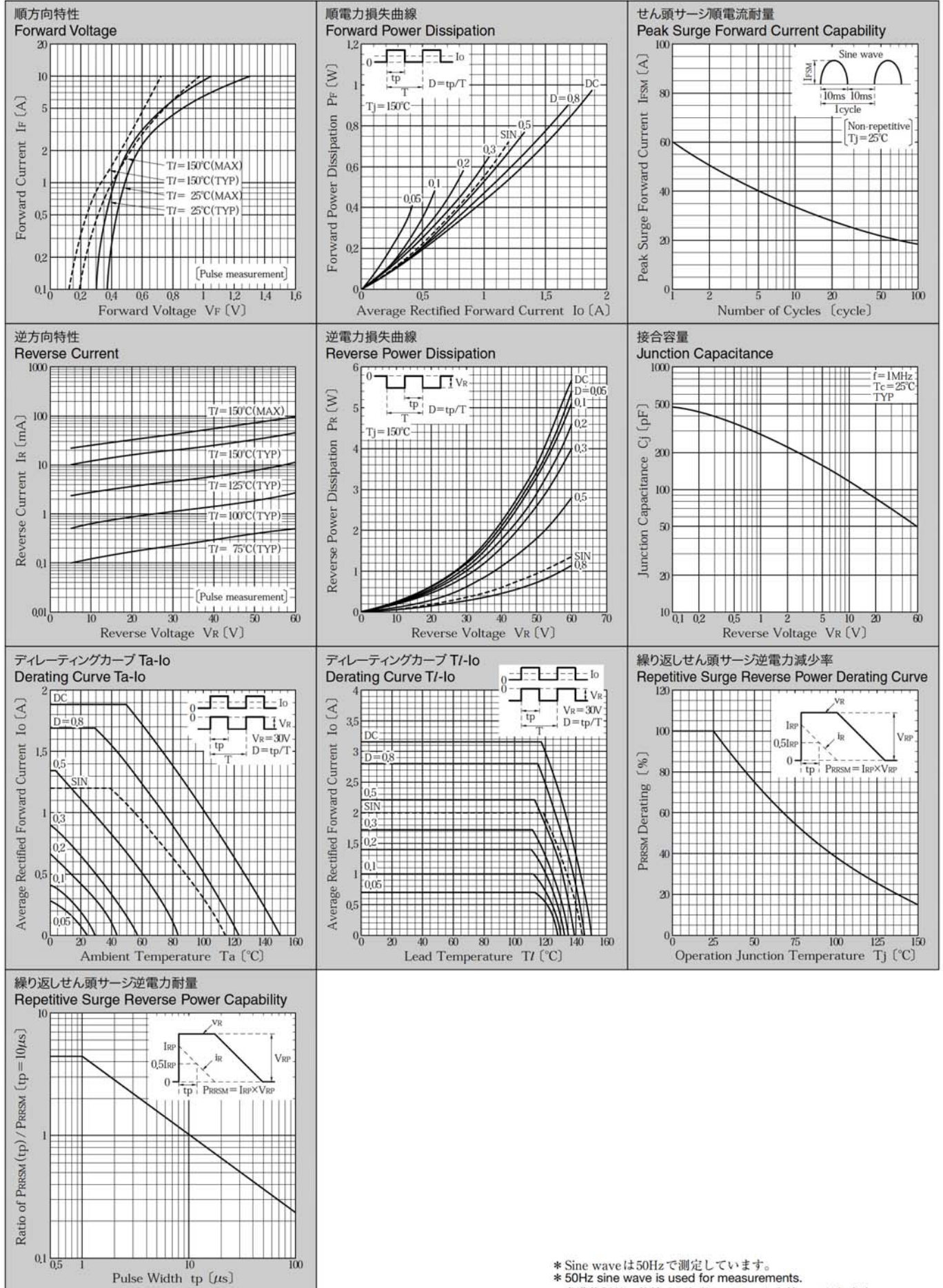
■定格表 RATINGS**●絶対最大定格 Absolute Maximum Ratings** (指定のない場合 $T_I = 25^\circ\text{C}$)

項目 Item	記号 Symbol	条件 Conditions	品名 Type No.	D2S6M	単位 Unit
保存温度 Storage Temperature	T_{stg}			-40~150	$^\circ\text{C}$
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}			60	V
繰り返しせん頭サージ逆電圧 Repetitive Peak Surge Reverse Voltage	V_{RRSM}	パルス幅0.5ms, duty 1/40 Pulse width 0.5ms, duty 1/40		65	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 $T_I = 119^\circ\text{C}$	2	A
			フィンなし Without heatsink $T_a = 25^\circ\text{C}$	1.2	
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, $T_j = 25^\circ\text{C}$		60	A
繰り返しせん頭サージ逆電力 Repetitive Peak Surge Reverse Power	P_{RRSM}	パルス幅10 μs , $T_j = 25^\circ\text{C}$ Pulse width 10 μs , $T_j = 25^\circ\text{C}$		330	W

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

順電圧 Forward Voltage	V_F	$I_F = 2\text{A}$, パルス測定 Pulse measurement	MAX 0.58	V
逆電流 Reverse Current	I_R	$V_R = V_{RM}$, パルス測定 Pulse measurement	MAX 2	mA
接合容量 Junction Capacitance	C_j	$f = 1\text{MHz}$, $V_R = 10\text{V}$	TYP 120	pF
熱抵抗 Thermal Resistance	θ_{jl}	接合部・リード間 Junction to lead	MAX 17	$^\circ\text{C/W}$
	θ_{ja}	接合部・周囲間 Junction to ambient	MAX 105	

■特性図 CHARACTERISTIC DIAGRAMS



* Sine waveは50Hzで測定しています。
 * 50Hz sine wave is used for measurements.
 * 半導体製品の特性は一般的にバラツキを持っています。
 * Typical is statistical average of the device's ability.
 * Semiconductor products generally have characteristic variation.
 * Typical is a statistical average of the device's ability.

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com