

SE1SS400
Switching diode

Revision:A

Features

- Ultra small mold type. (EMD2)
- High reliability.

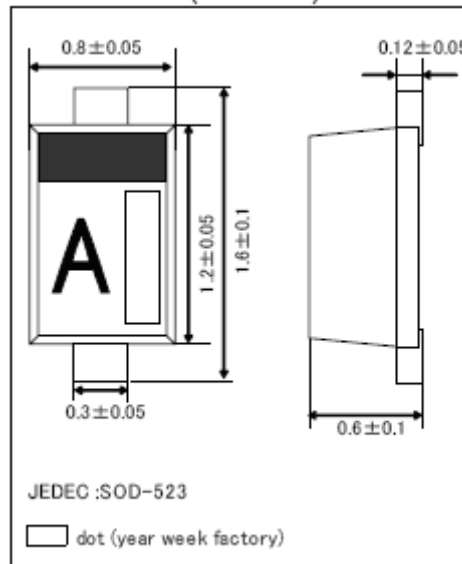
Applications

- High speed switching

Construction

- Silicon epitaxial planer

●Dimensions (Unit : mm)



●Taping dimensions (Unit : mm)

Absolute maximum ratings (Ta=25°C)

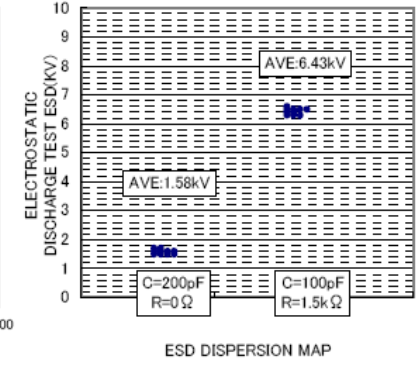
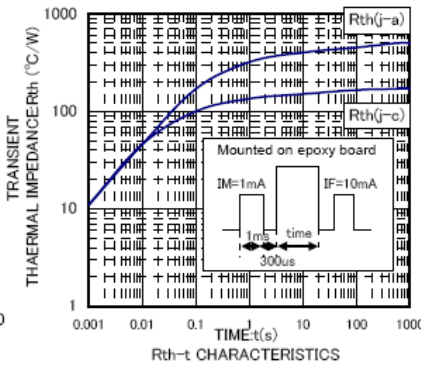
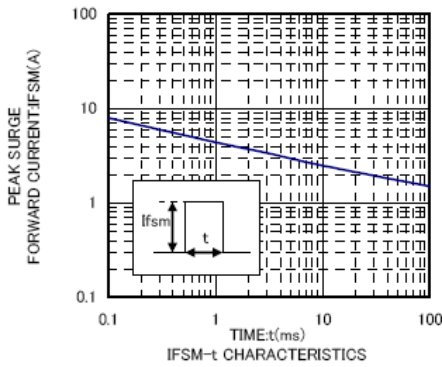
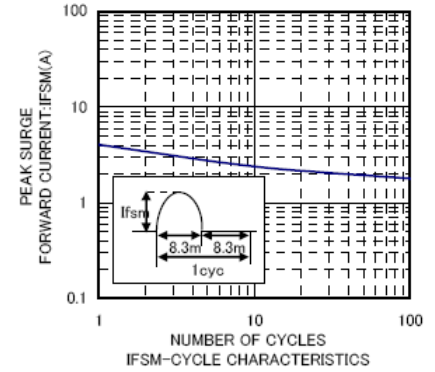
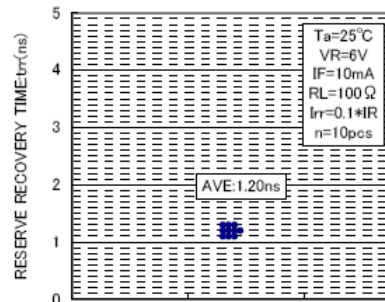
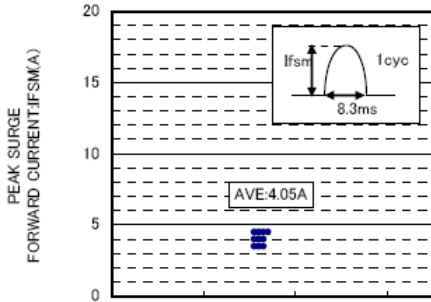
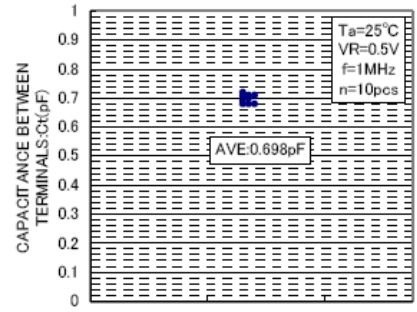
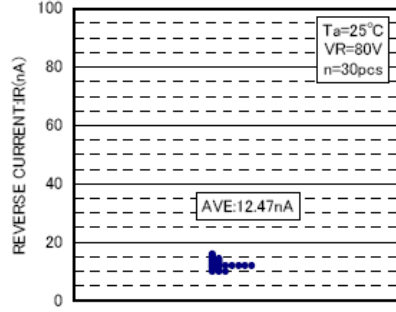
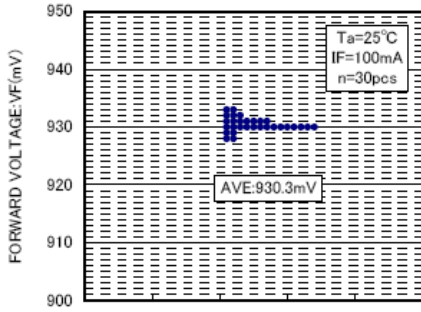
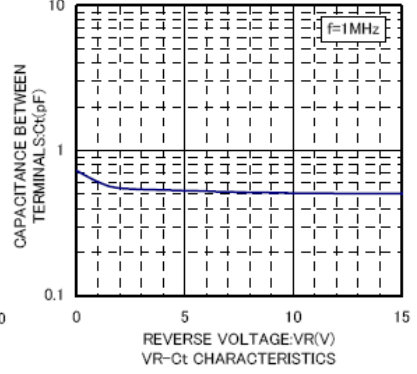
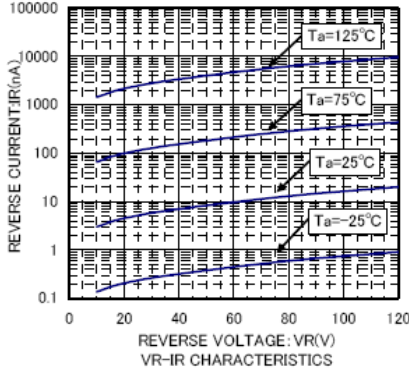
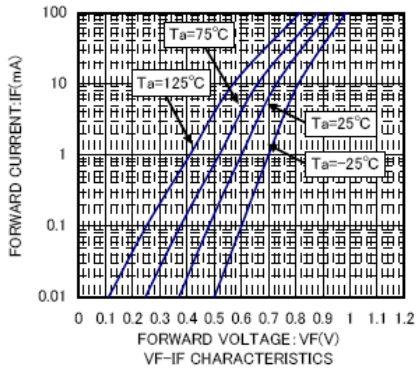
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	90	V
Reverse voltage (DC)	V_R	80	V
Forward voltage (repetitive peak)	I_{FM}	225	mA
Average rectified forward current	I_o	100	mA
Surge current (t=1s)	I_{surge}	500	mA
Junction temperature	T_j	125	°C
Storage temperature	T_{stg}	-55 to +125	°C

* 60Hz, 1φ

Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	—	—	1.2	V	$I_F = 100mA$
Reverse current	I_R	—	—	0.1	uA	$V_R = 80V$
Capacitance between terminal	C_t	—	—	3	pF	$V_R = 0.5V, f = 1MHz$
Reverse recovery time	t_{rr}	—	—	4	ns	$V_R = 6V, I_F = 10mA, R_L = 100\Omega$

- Please pay attention to static electricity when handling.



The SINO-IC logo is a registered trademark of ShangHai Sino-IC Microelectronics Co., Ltd.

© 2005 SINO-IC – Printed in China – All rights reserved.

SHANGHAI SINO-IC MICROELECTRONICS CO., LTD

Add: Building 3, Room 3401-03, No.200 Zhangheng Road, ZhangJiang Hi-Tech Park, Pudong,
Shanghai 201203, China

Phone: +86-21-33932402 33932403 33932405 33933508 33933608

Fax: +86-21-33932401

Email: webmaster@sino-ic.com

Website: <http://www.sino-ic.com>