

**SE1SS400**  
**Switching diode**

Revision:A

**Features**

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

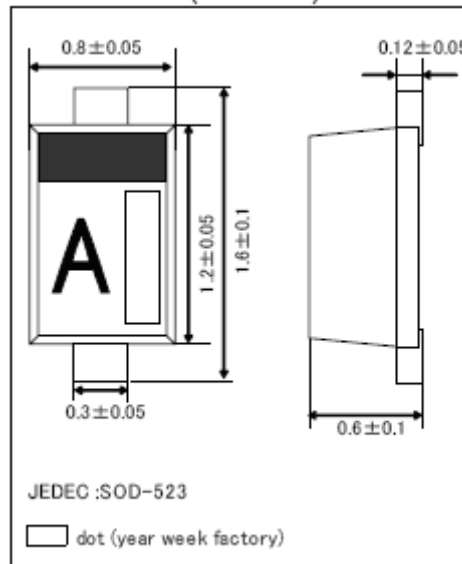
**Applications**

- High speed switching

**Construction**

- Silicon epitaxial planer

●Dimensions (Unit : mm)



●Taping dimensions (Unit : mm)

**Absolute maximum ratings (Ta=25°C)**

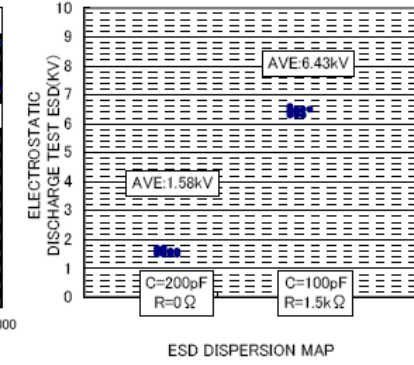
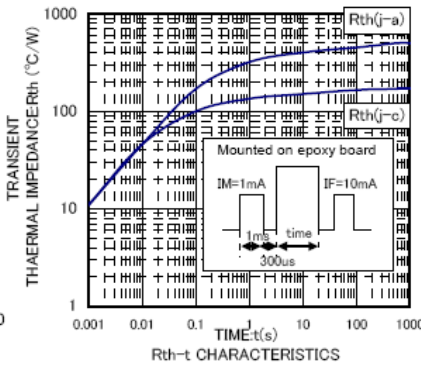
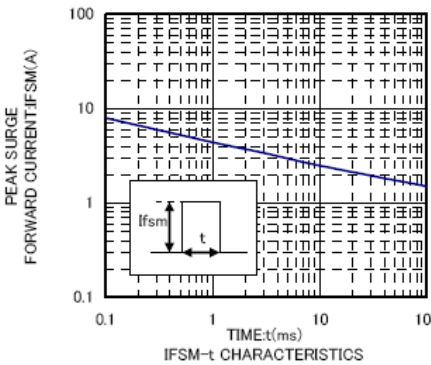
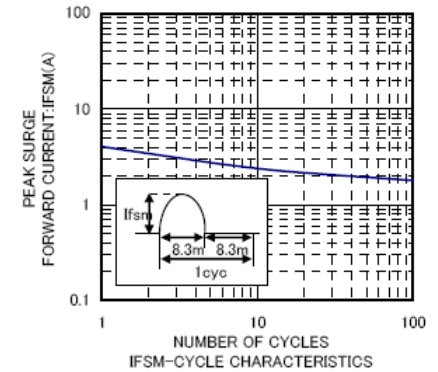
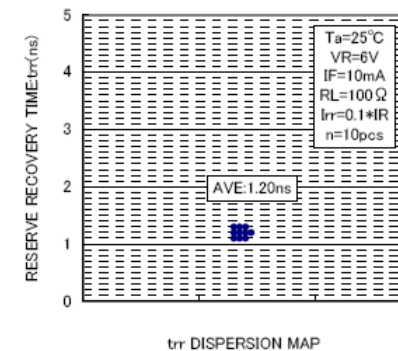
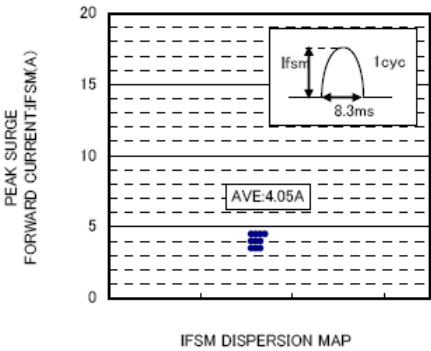
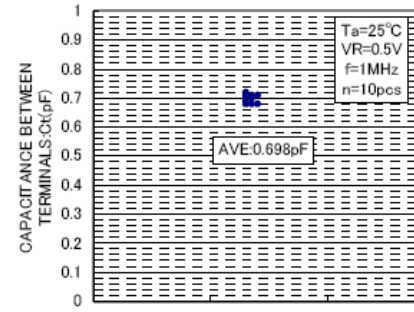
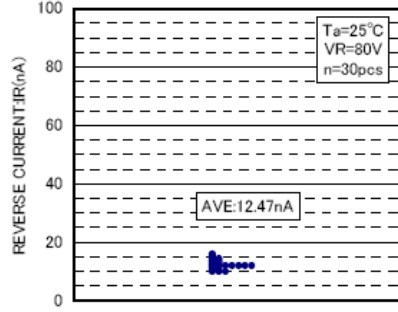
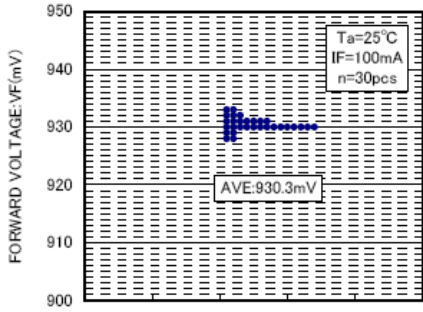
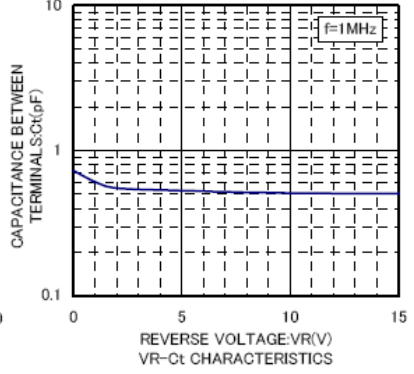
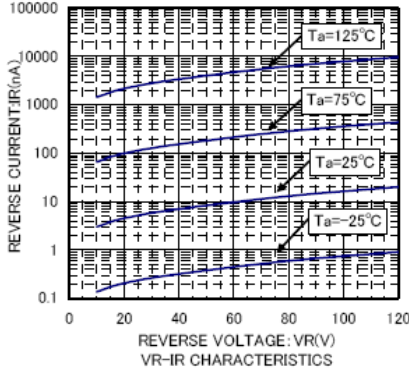
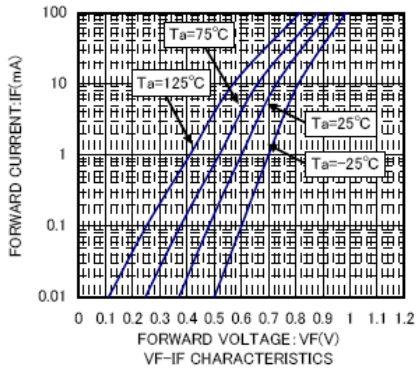
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	$V_{RM}$	90	V
Reverse voltage (DC)	$V_R$	80	V
Forward voltage (repetitive peak)	$I_{FM}$	225	mA
Average rectified forward current	$I_o$	100	mA
Surge current (t=1s)	$I_{surge}$	500	mA
Junction temperature	$T_j$	125	°C
Storage temperature	$T_{stg}$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



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