

Band Switching Diode

1SS390

●Applications

High frequency switching

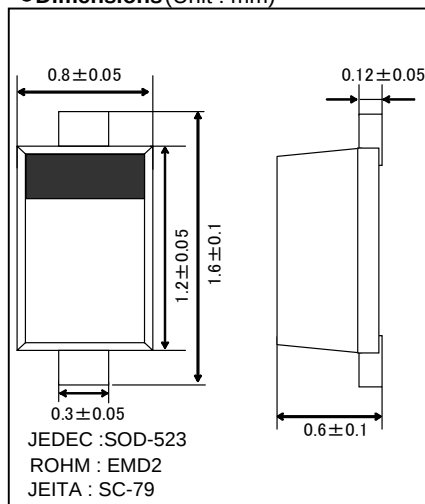
●Features

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

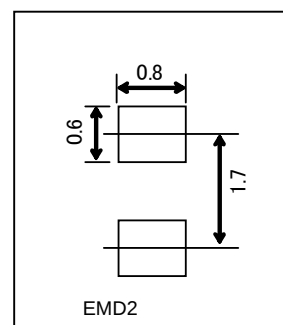
●Construction

Silicon epitaxial

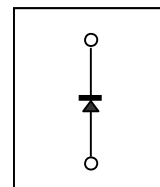
●Dimensions (Unit : mm)



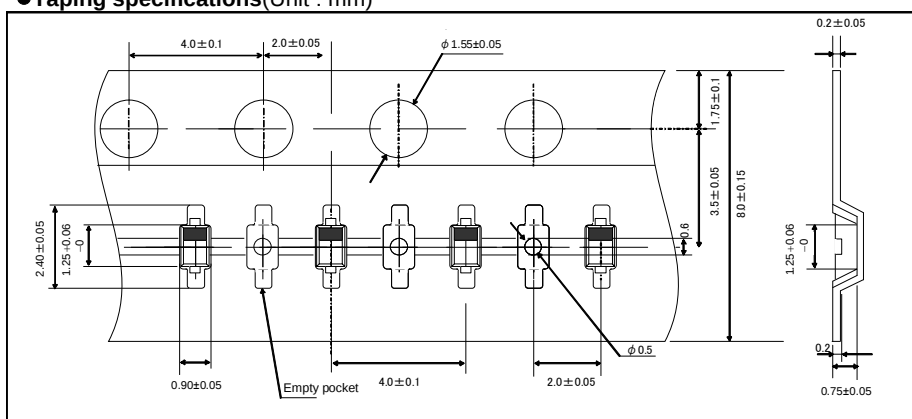
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)

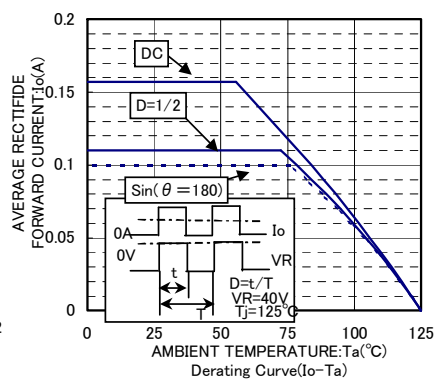
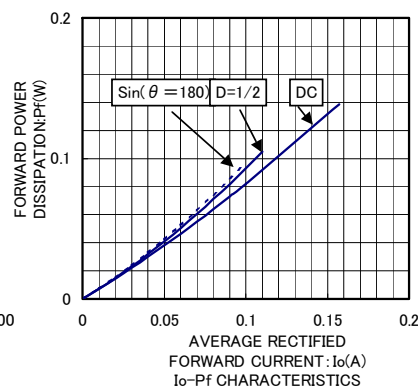
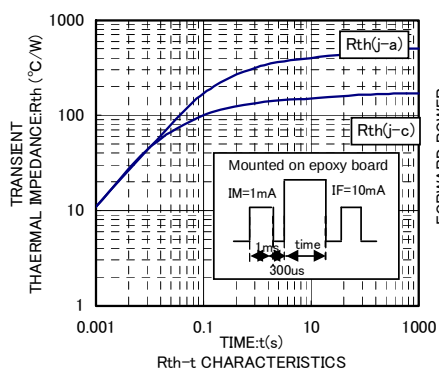
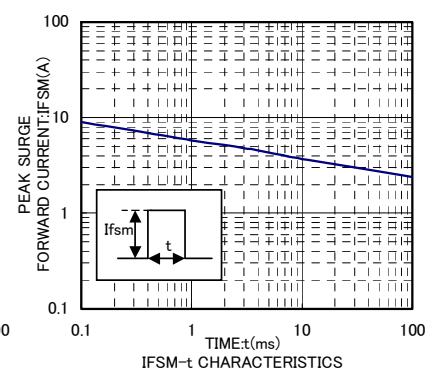
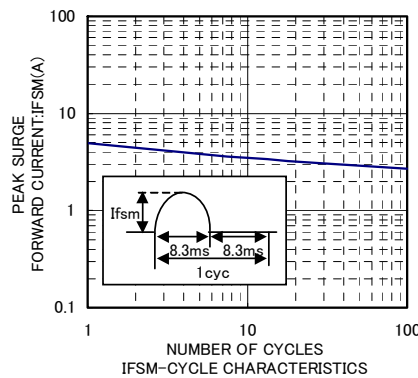
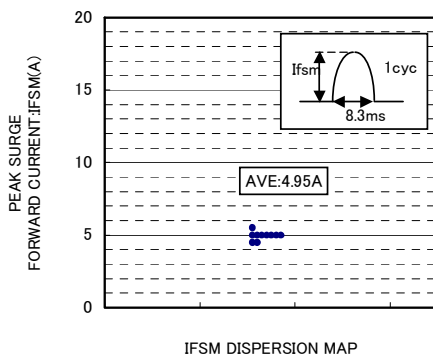
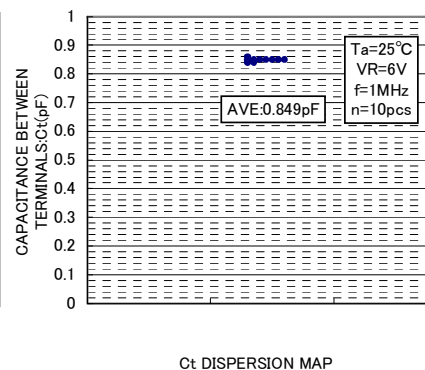
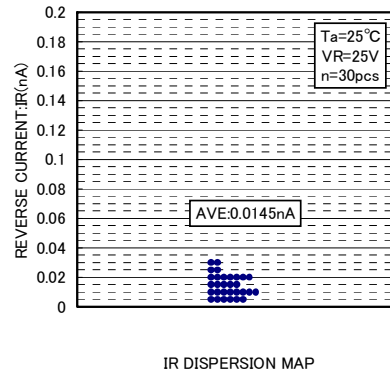
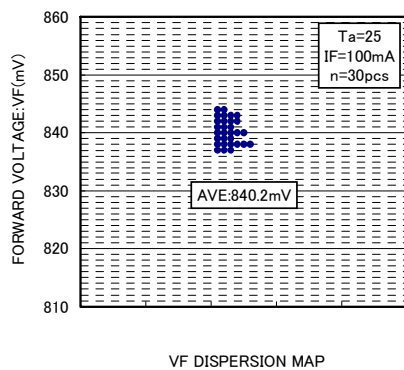
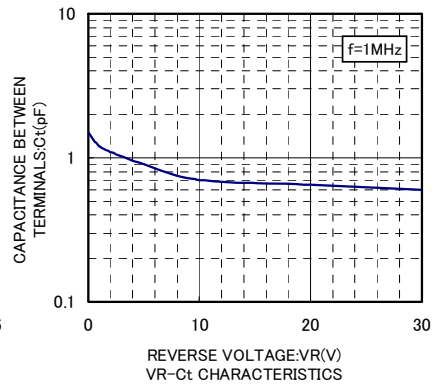
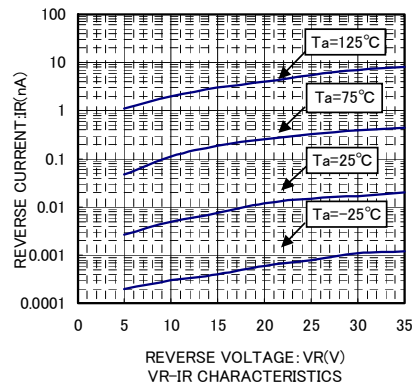
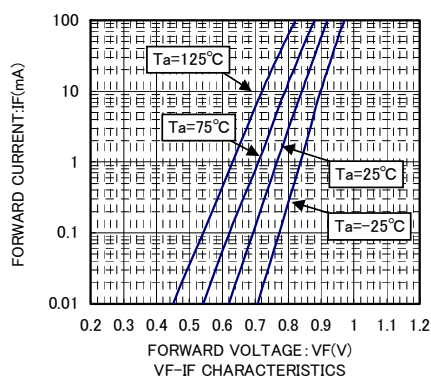


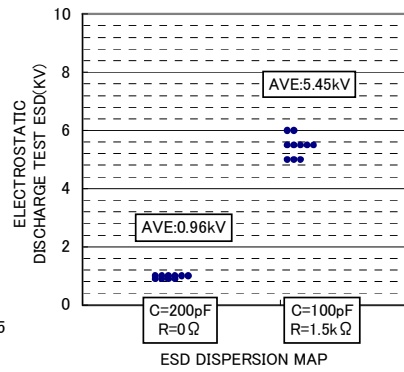
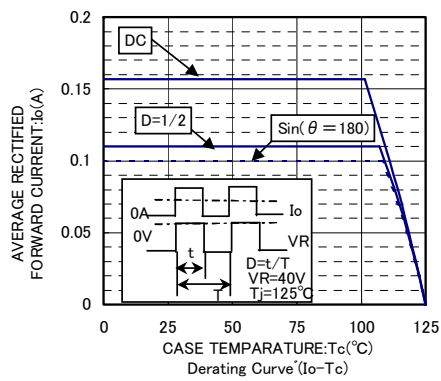
●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Forward current (DC)	I_F	100	mA
Reverse voltage (DC)	V_R	35	V
Junction temperature	T_j	125	°C
Storage temperature	T_{stg}	-55 to +125	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	1.0	V	$I_F=10\text{mA}$
Reverse current	I_R	-	-	10	nA	$V_R=25\text{V}$
Capacitance between terminals	C_t	-	-	1.2	pF	$V_R=6\text{V}$, $f=1\text{MHz}$
Forward operating resistance	r_f	-	-	0.9	Ω	$I_F=2\text{mA}$, $f=100\text{MHz}$, $R_L=100\Omega$





Notes

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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.