

### ●Application

General rectification

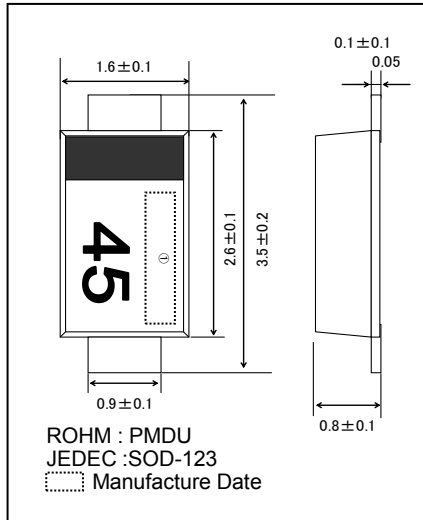
### ●Features

- 1) Small power mold type.(PMDU)
- 2) Low  $I_R$
- 3) High reliability

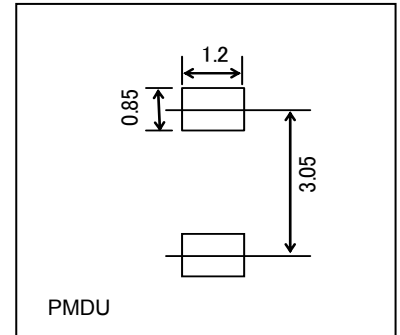
### ●Construction

Silicon epitaxial planar

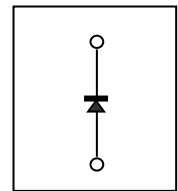
### ●Dimensions (Unit : mm)



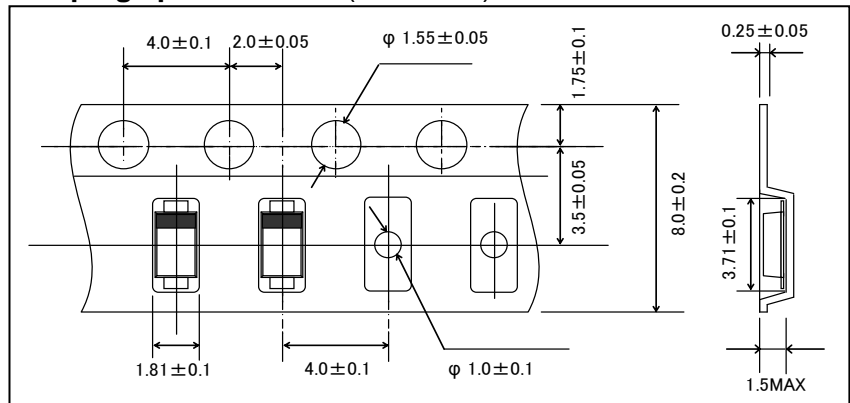
### ●Land size figure (Unit : mm)



### ●Structure



### ●Taping specifications (Unit : mm)



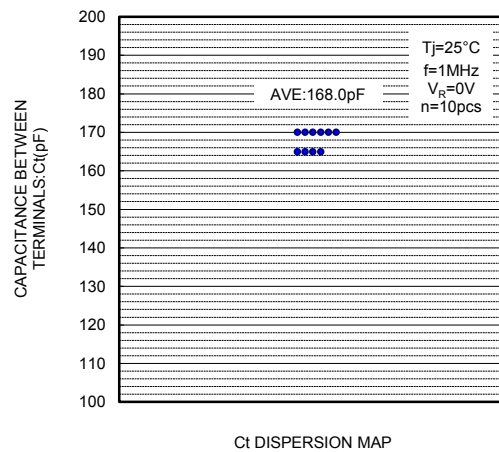
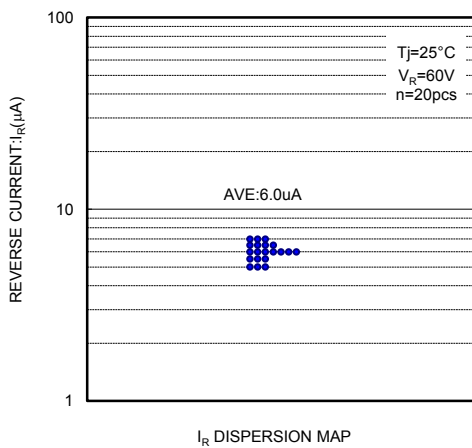
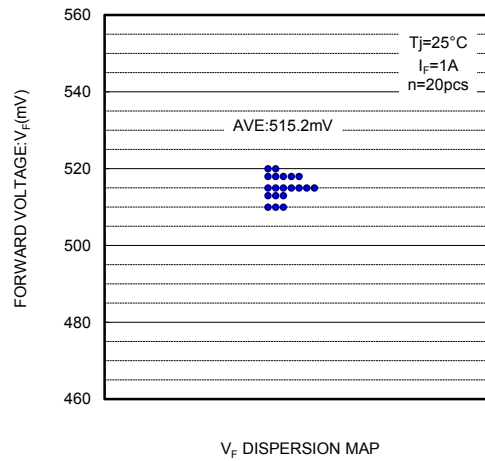
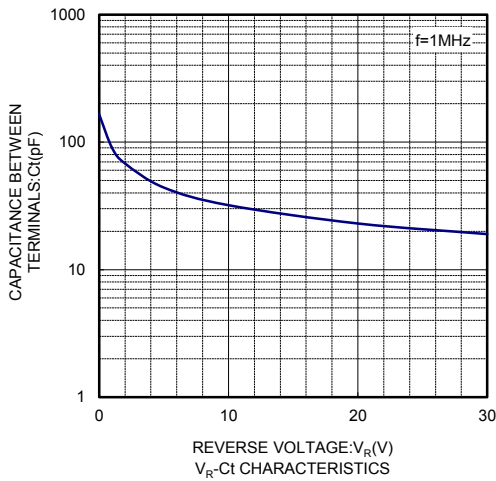
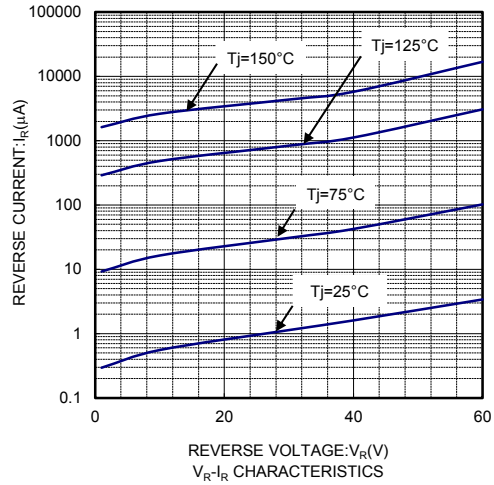
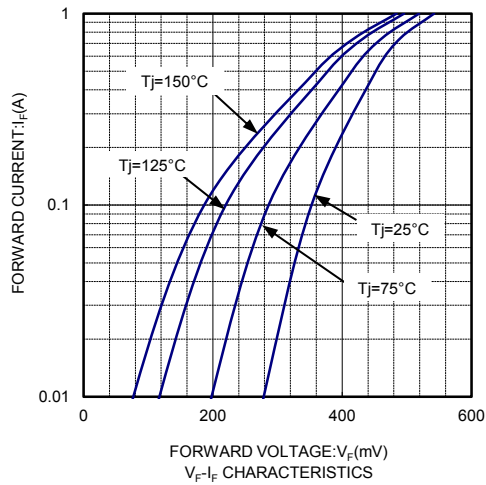
### ●Absolute maximum ratings (Ta = 25°C)

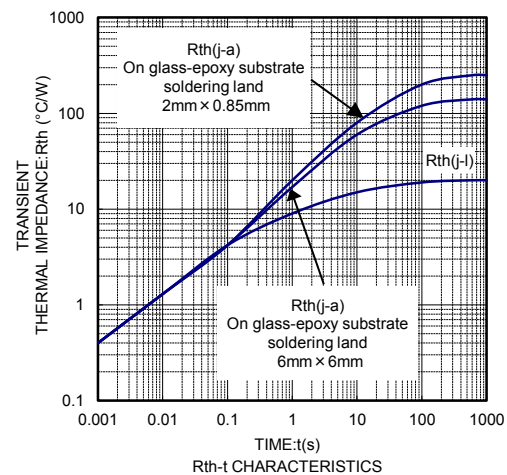
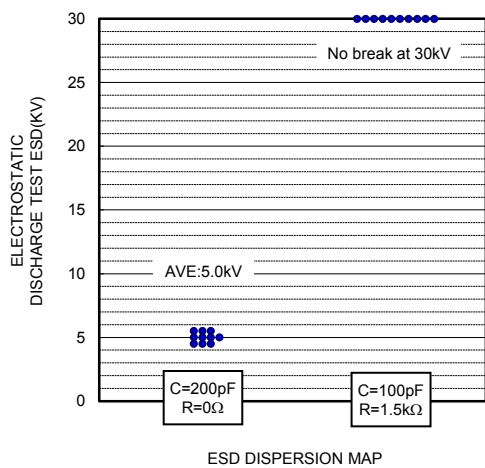
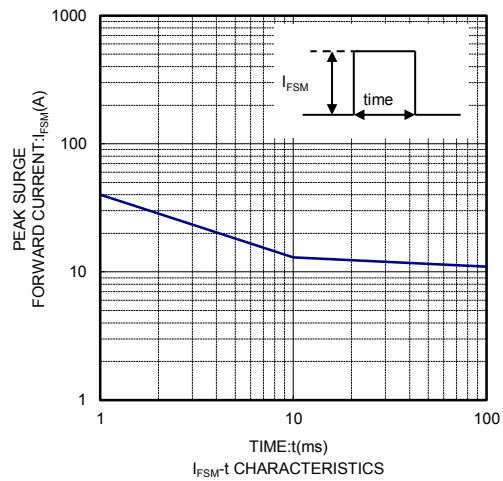
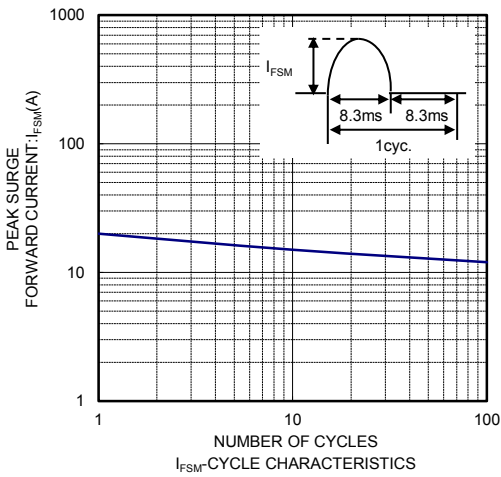
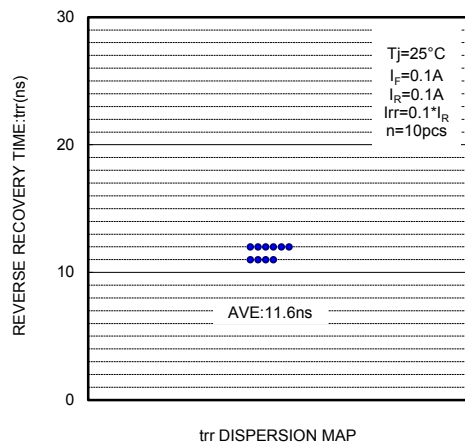
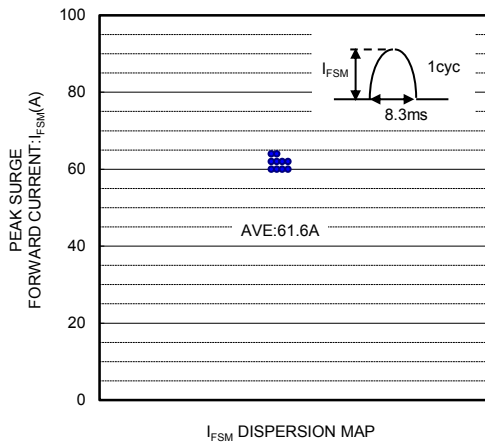
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	$V_{RM}$	60	V
Reverse voltage (DC)	$V_R$	60	V
Average rectified forward current (*1)	$I_o$	1	A
Forward current surge peak (60Hz · 1cyc)	$I_{FSM}$	20	A
Junction temperature	$T_j$	150	°C
Storage temperature	$T_{stg}$	-40 to +150	°C

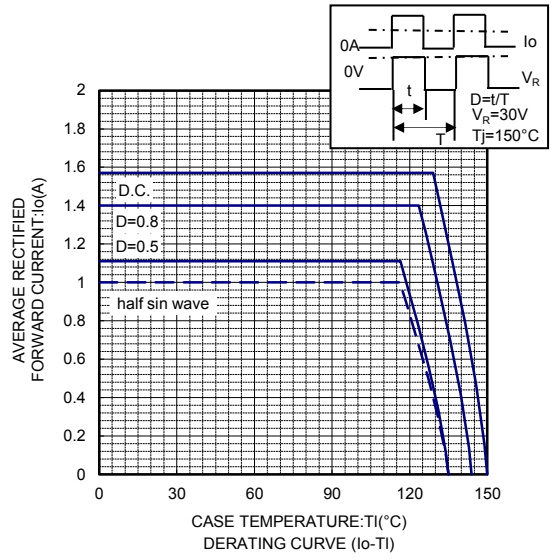
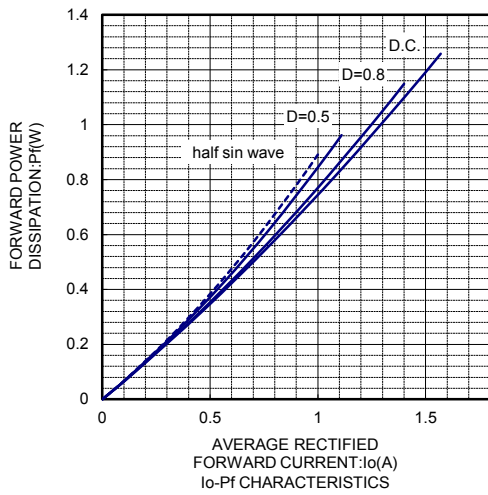
(\*1)Mounting on glass epoxy board  $T_c=90^\circ\text{C}$  max.

### ●Electrical characteristics (Ta = 25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	$V_F$	-	-	0.65	V	$I_F=1\text{A}$
Reverse current	$I_R$	-	-	100	$\mu\text{A}$	$V_R=60\text{V}$







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