

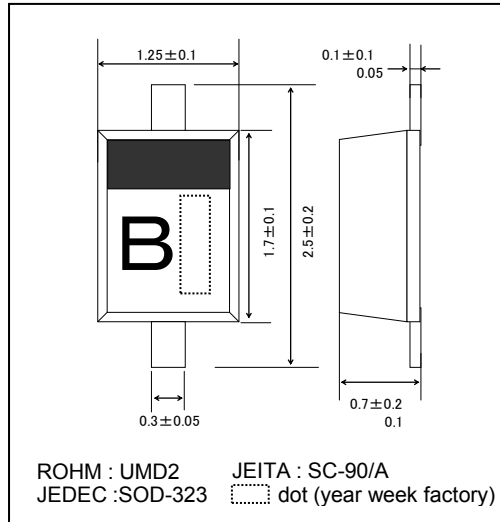
### ●Application

General rectification

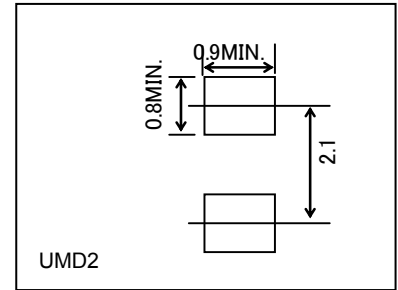
### ●Features

- 1) Small mold type. (UMD2)
- 2) High reliability

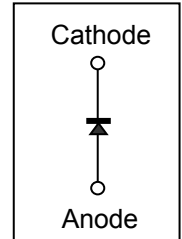
### ●Dimensions (Unit : mm)



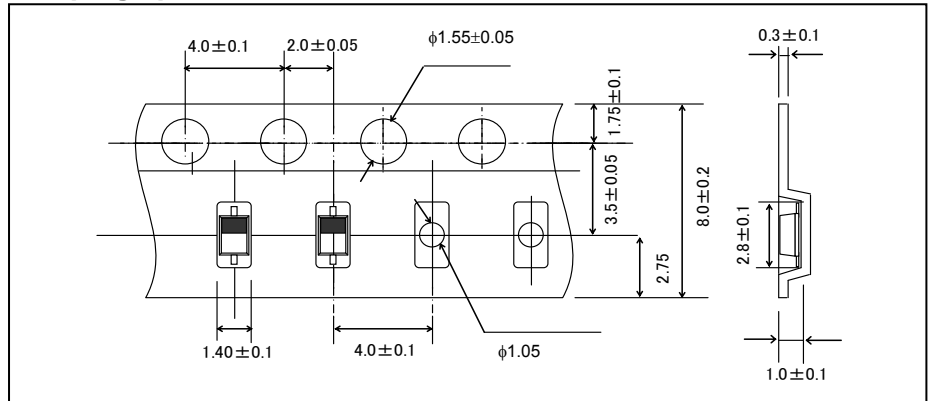
### ●Land size figure (Unit : mm)



### ●Structure



### ●Taping specifications (Unit : mm)



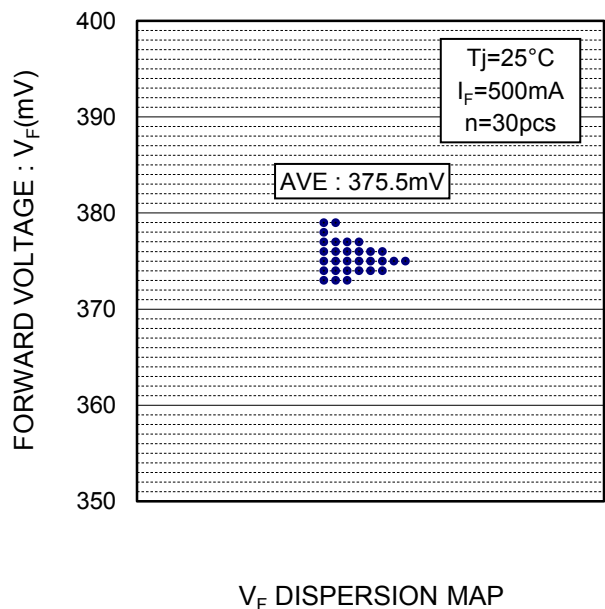
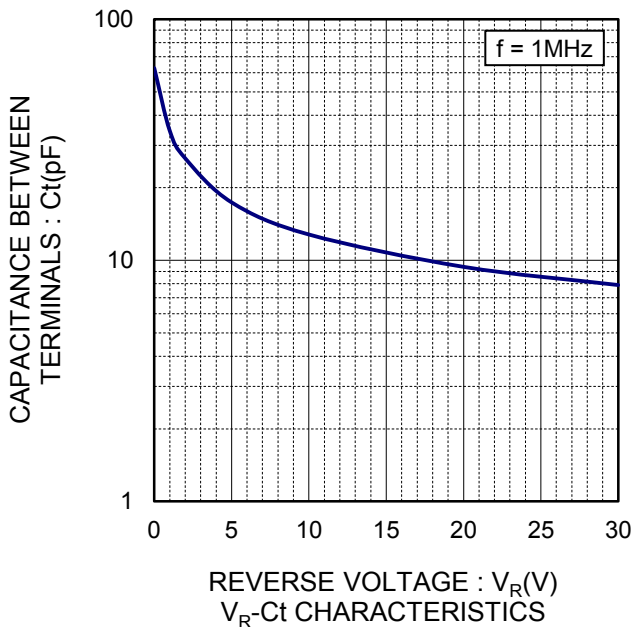
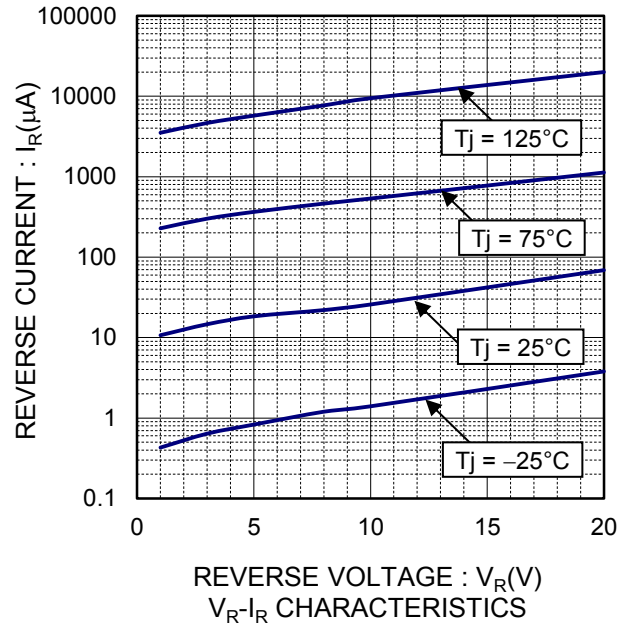
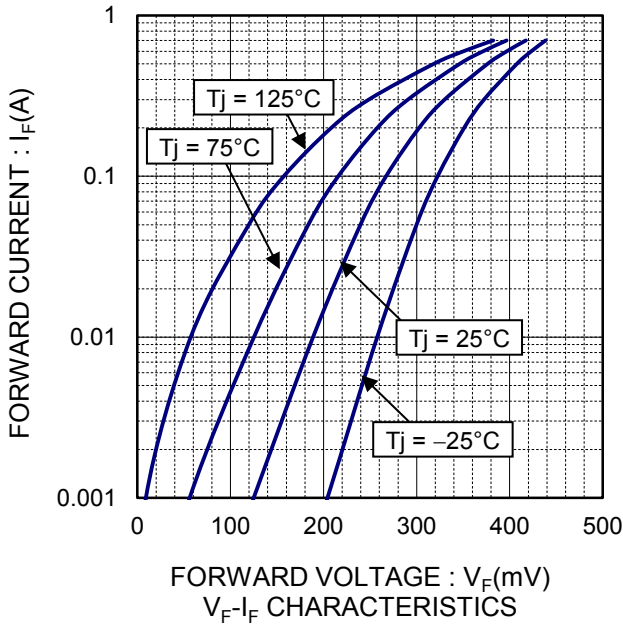
### ●Absolute maximum ratings (Ta= 25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	$V_{RM}$	30	V
Reverse voltage (DC)	$V_R$	20	V
Average rectified forward current	$I_o$	700	mA
Forward current surge peak (60Hz·1cyc)	$I_{FSM}$	3	A
Junction temperature	$T_j$	125	°C
Storage temperature	$T_{stg}$	-40 to +125	°C

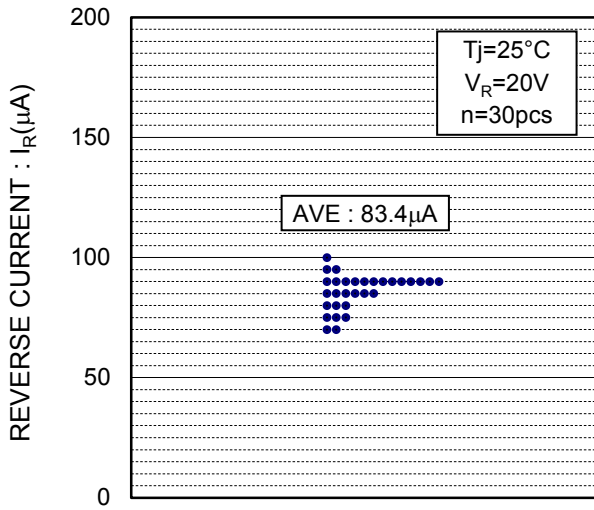
### ●Electrical characteristics (Ta = 25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	$V_F$	-	-	0.43	V	$I_F=500mA$
Reverse current	$I_R$	-	-	200	$\mu A$	$V_R=20V$

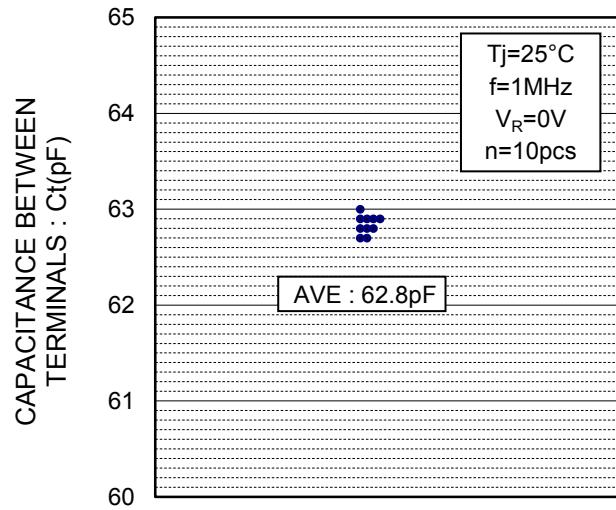
●Electrical characteristic curves



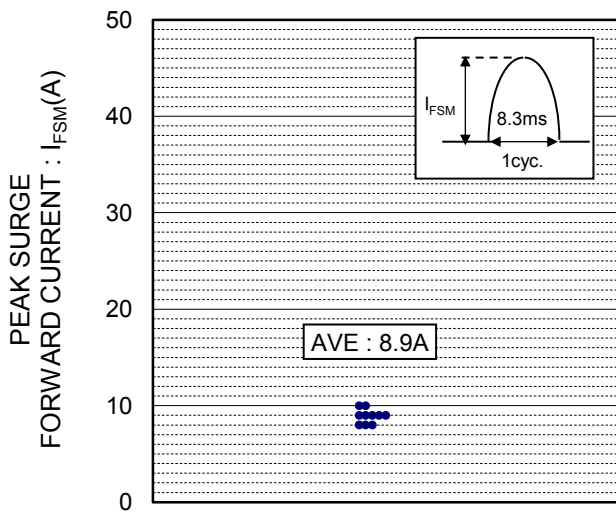
●Electrical characteristic curves



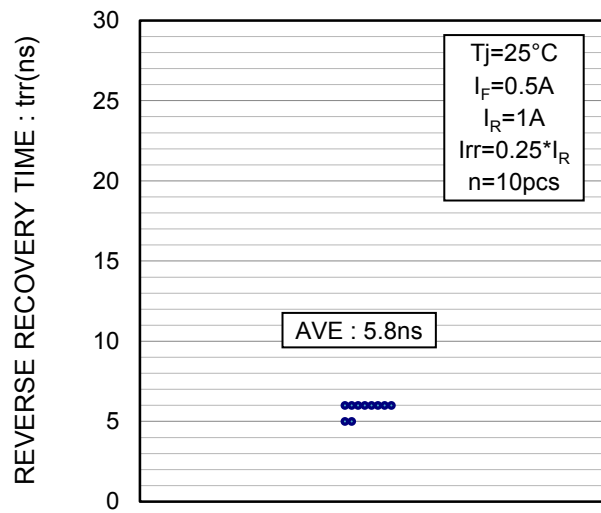
$I_R$  DISPERSION MAP



$C_t$  DISPERSION MAP

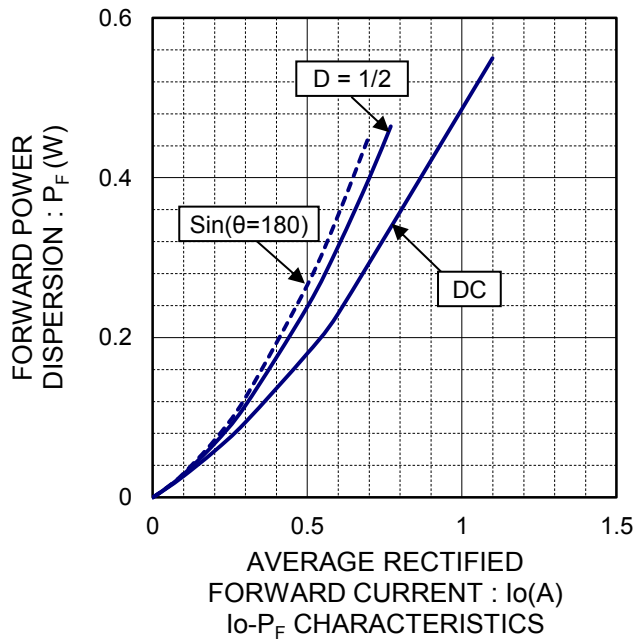
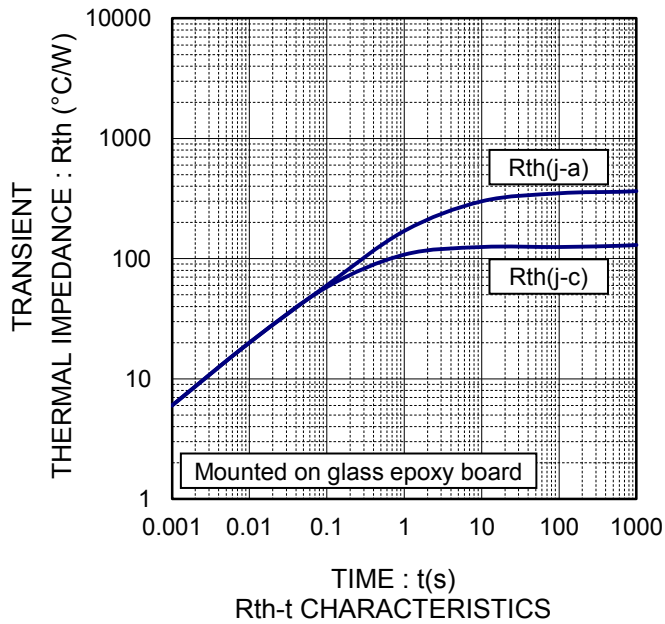
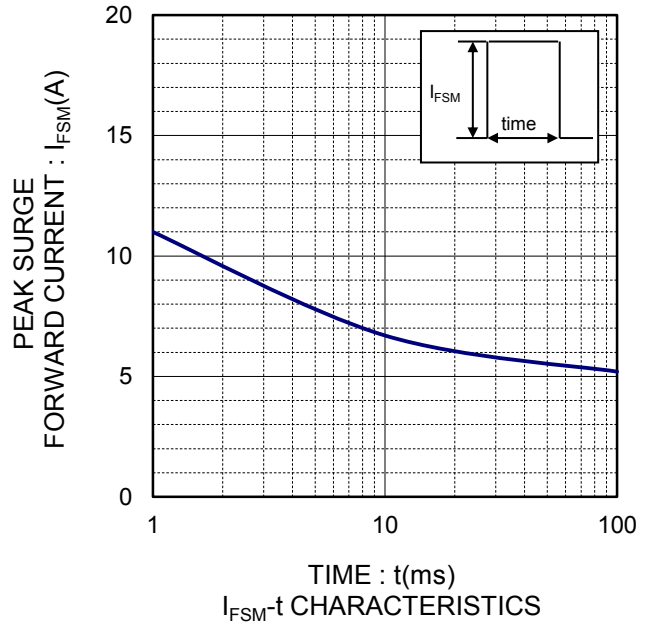
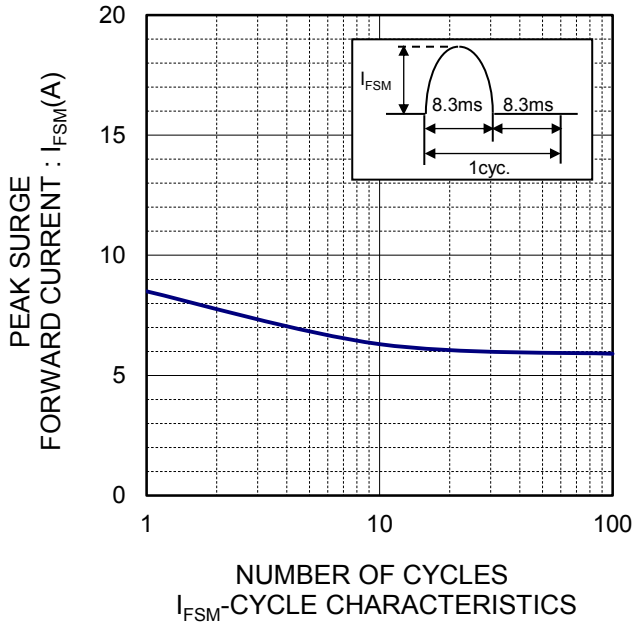


$I_{FSM}$  DISPERSION MAP

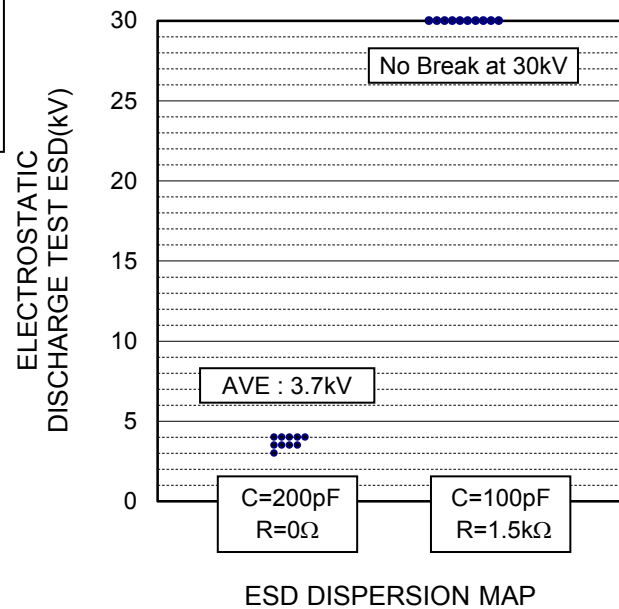
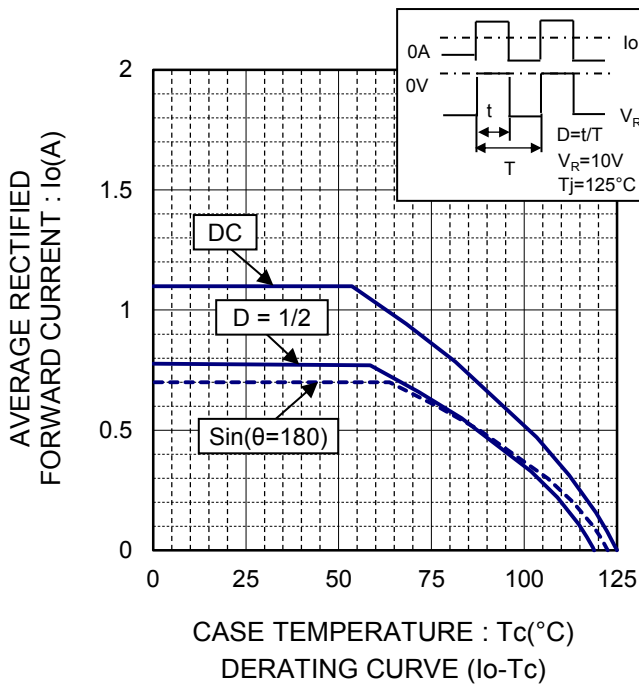
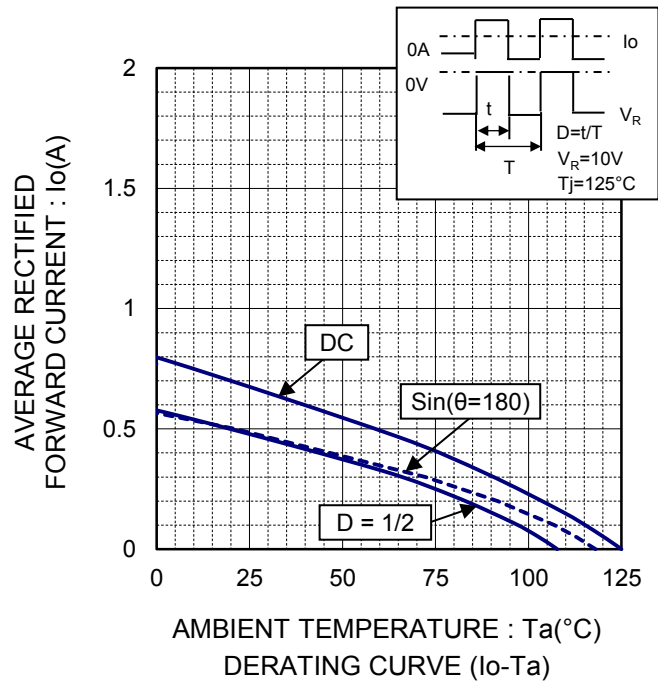
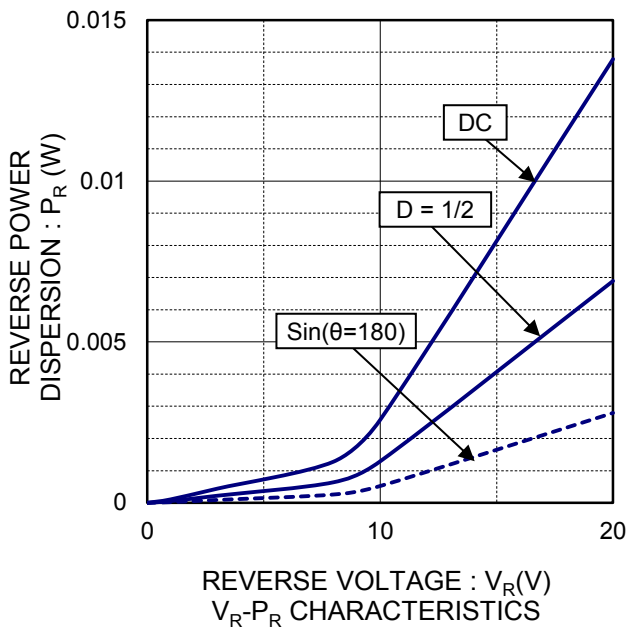


$t_{rr}$  DISPERSION MAP

●Electrical characteristic curves



●Electrical characteristic curves



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