

Rectifier diodes

RR274EA-400

●Applications

General rectification

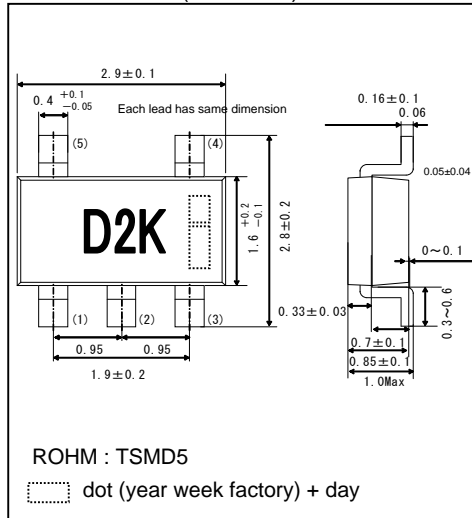
●Features

- 1) Small mold type. (TSM5)
- 2) High reliability

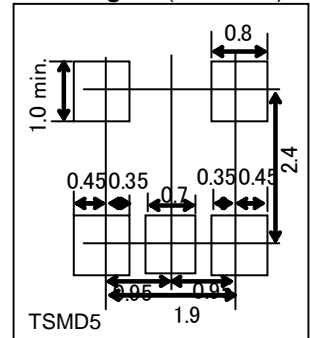
●Construction

Silicon epitaxial planar

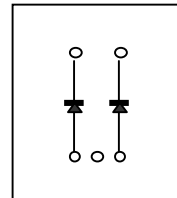
●Dimensions (Unit : mm)



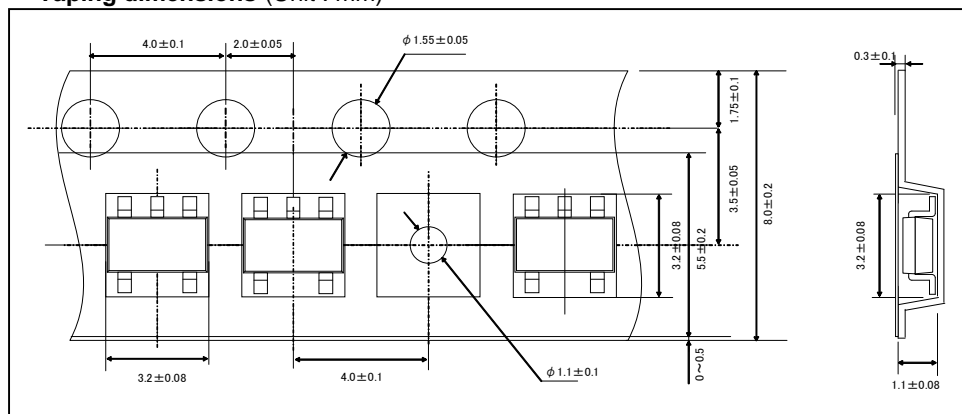
●Land size figure (Unit : mm)



●Structure



●Taping dimensions (Unit : mm)



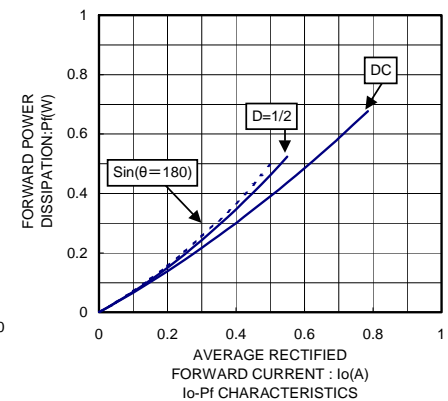
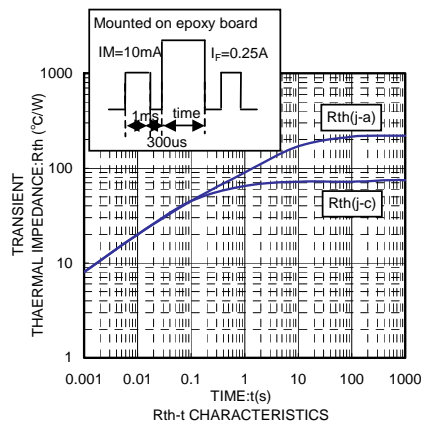
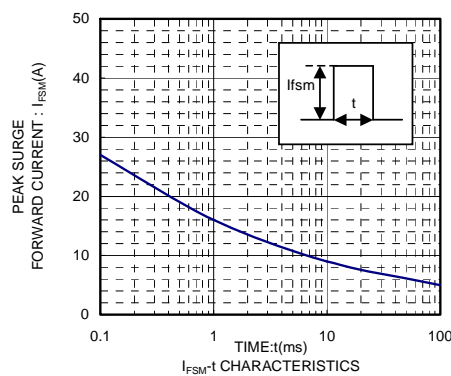
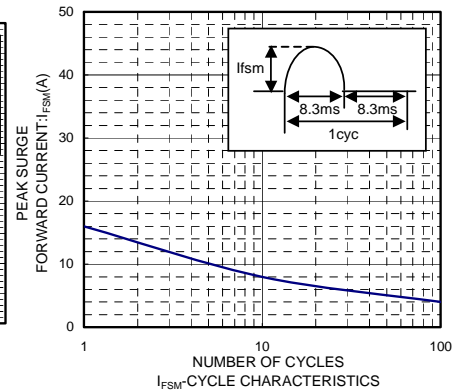
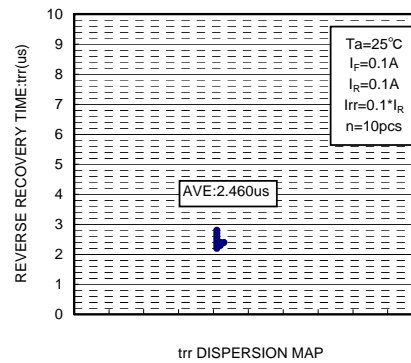
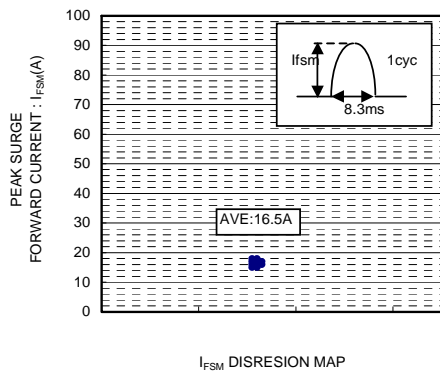
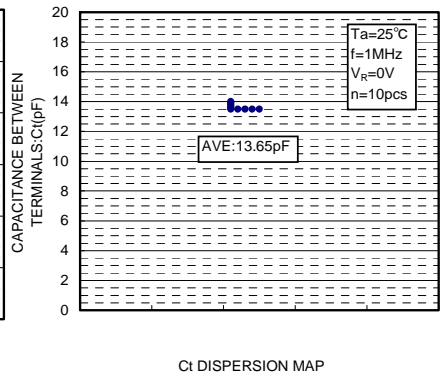
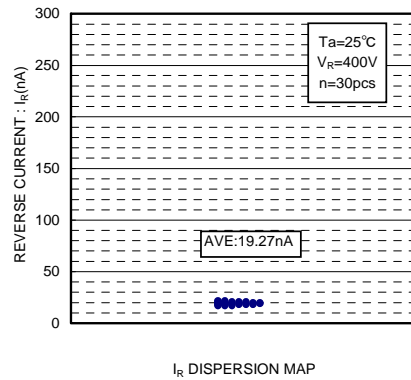
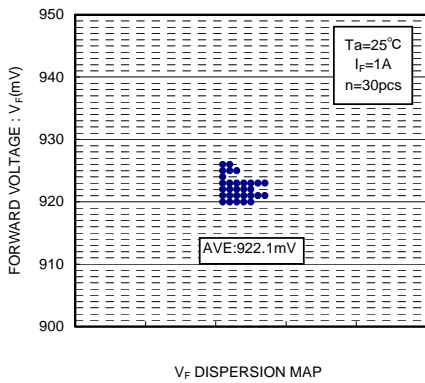
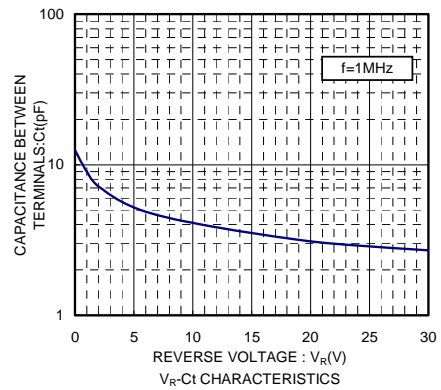
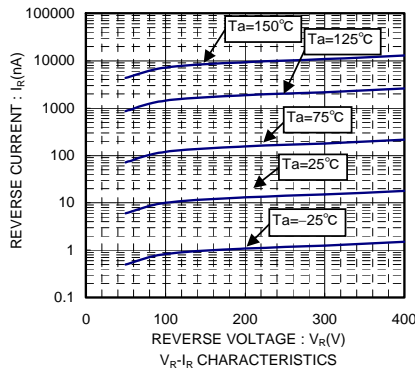
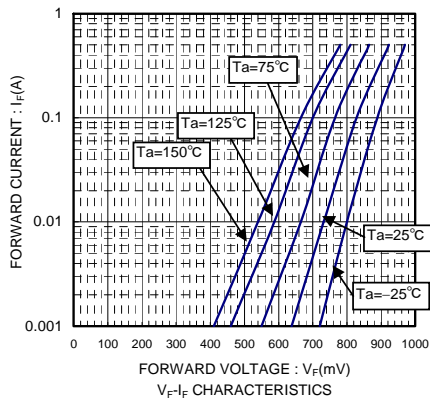
●Absolute maximum ratings (Ta=25°C)

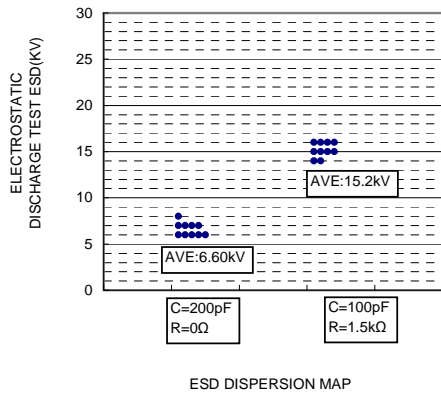
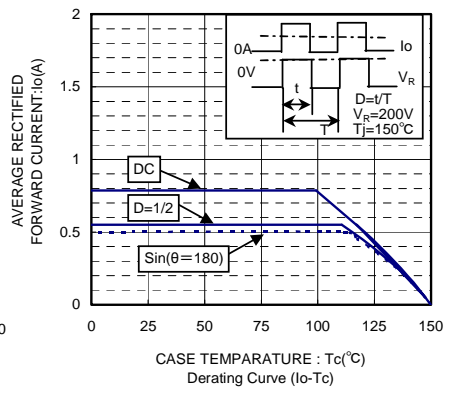
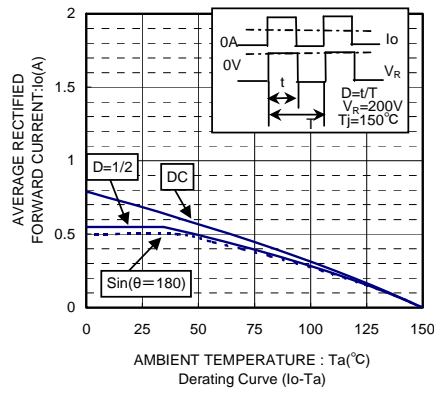
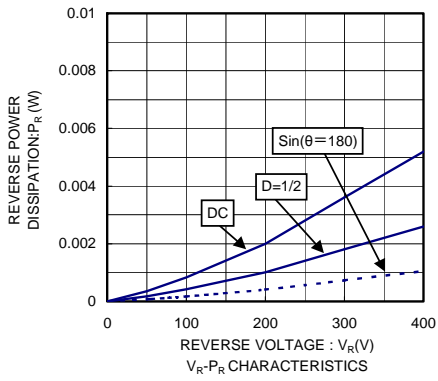
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_R	400	V
Average rectified forward current	I_o	0.5	A
Forward current surge peak (60Hz · 1cyc)	I_{FSM}	8	A
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-55 to +150	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	1.1	V	$I_F=0.5A$
Reverse current	I_R	-	-	10	uA	$V_R=400V$

●Electrical characteristic curves





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