

Diodes

# Rectifier diodes

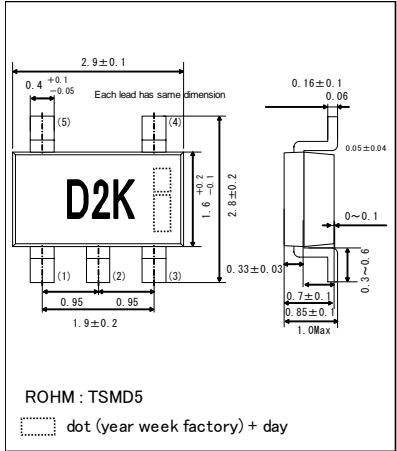
## RR274EA-400

●Applications  
General rectification

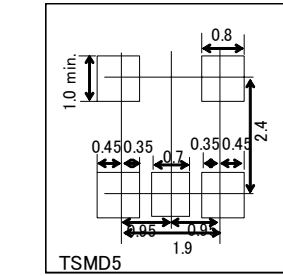
●Features  
1) Small mold type. (TSMD5)  
2) High reliability

●Construction  
Silicon epitaxial planar

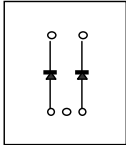
●External dimensions (Unit : mm)



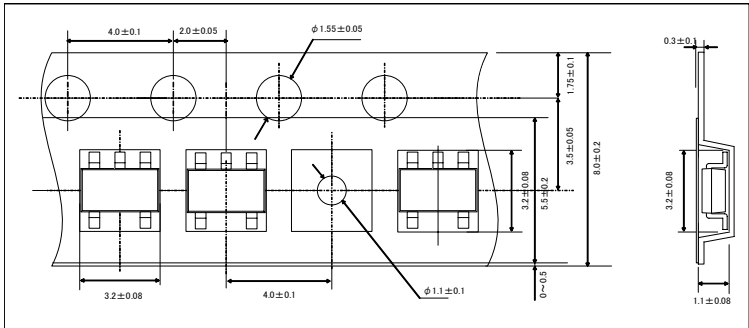
●Land size figure (Unit : mm)



●Structure



●Taping dimensions (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

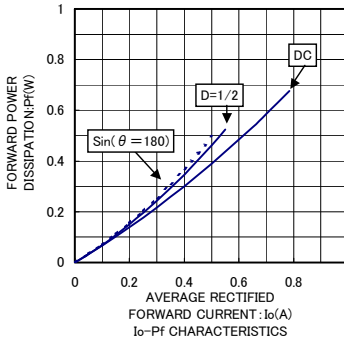
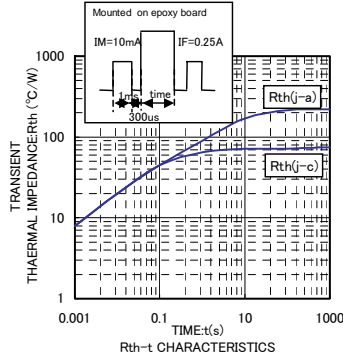
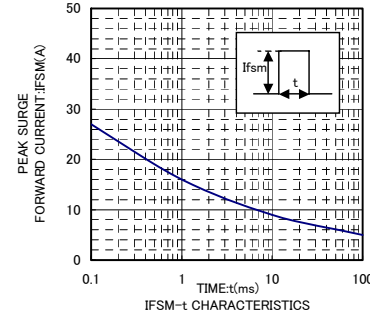
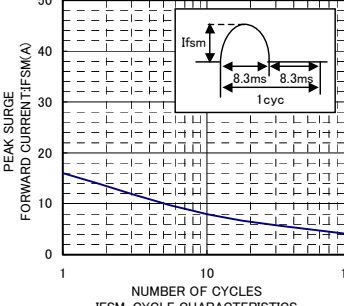
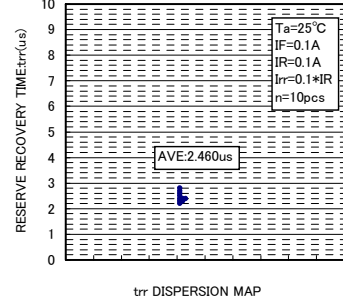
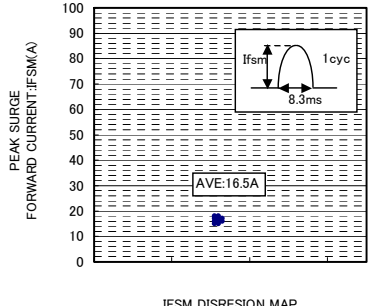
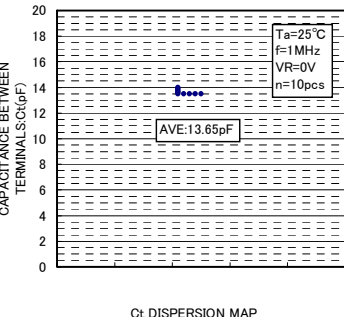
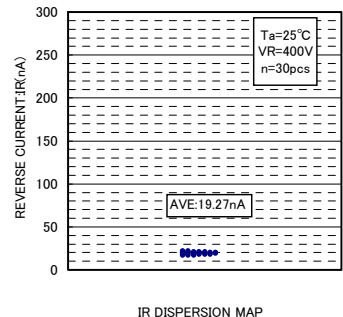
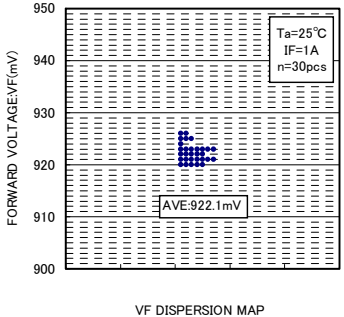
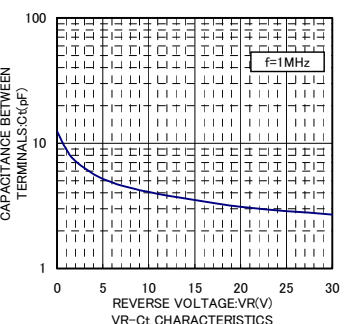
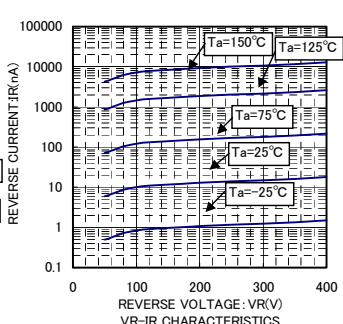
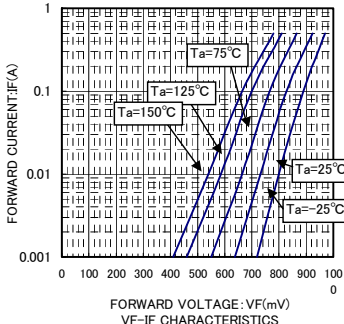
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V <sub>R</sub>	400	V
Average rectified forward current	I <sub>o</sub>	0.5	A
Forward current surge peak (60Hz·1cyc)	I <sub>FSM</sub>	8	A
Junction temperature	T <sub>j</sub>	150	°C
Storage temperature	T <sub>stg</sub>	-55 to +150	°C

●Electrical characteristic (Ta=25°C)

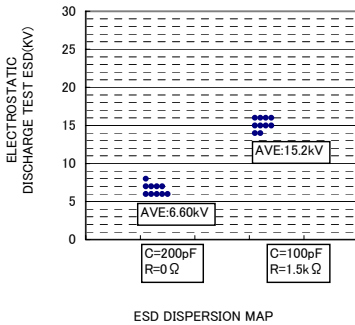
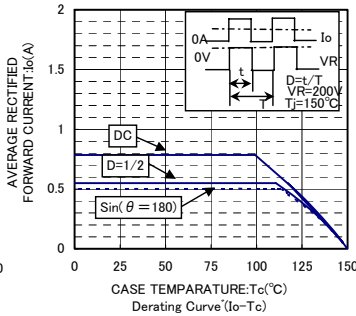
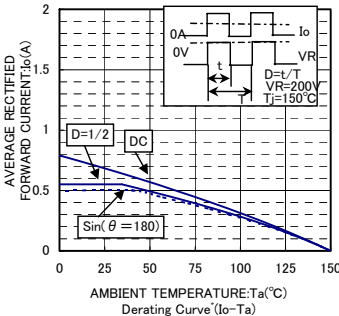
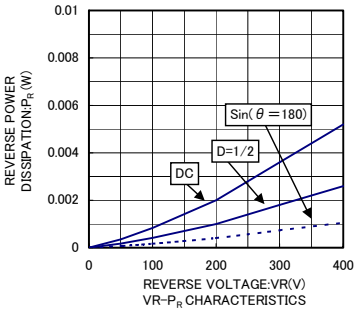
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V <sub>F</sub>	-	-	1.1	V	I <sub>F</sub> =0.5A
Reverse current	I <sub>R</sub>	-	-	10	uA	V <sub>R</sub> =400V

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● Electrical characteristic curves



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