Rectifying diode RR264M-400

Applications

General rectification

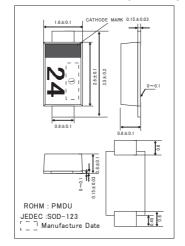
Features

- 1) Small power mold type. (PMDU)
- 2) High reliability.

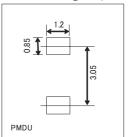
Construction

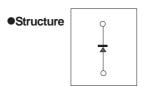
Silicon diffused junction

●External dimensions (Unit : mm)

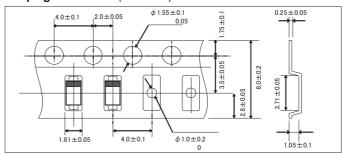


●Land size figure (Unit : mm)





●Taping dimensions (Unit : mm)



● Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Peak reverse voltage (repetitive peak)	V_R	400	V
Forward current (DC)	I _F	1	А
Average rectified forward current (*1)	lo	0.7	А
Forward current surge peak (60Hz-1cyc)	I _{FSM}	25	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

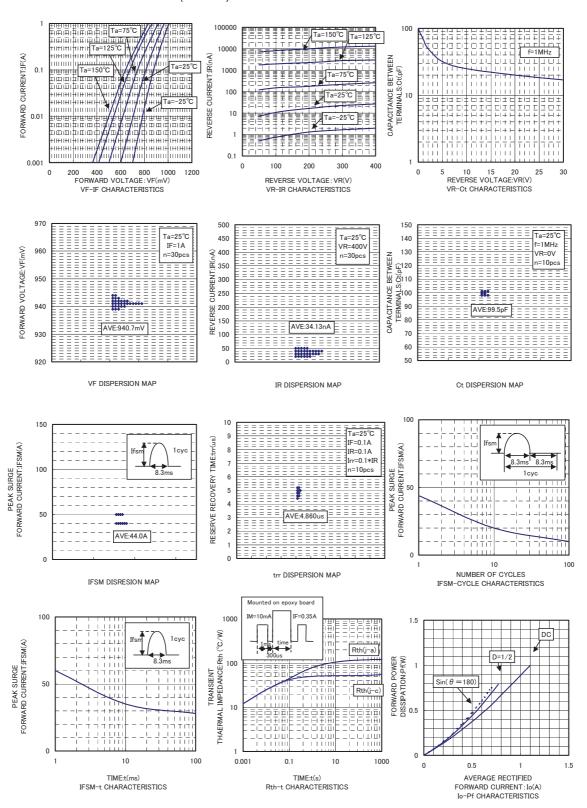
^(*1) Mounted on epoxy board. 180° Half sine wave

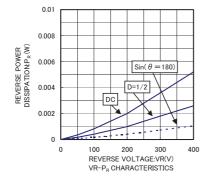
●Electrical characteristics (Ta=25°C)

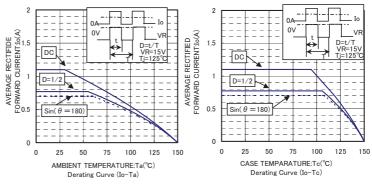
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	1.1	V	I _F =0.7A
Reverse current	I _R	-	-	10	uA	V _R =400V

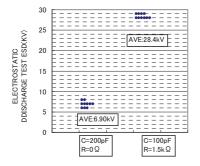


●Electrical characteristic curves (Ta=25°C)









ESD DISPERSION MAP

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