# Rectifying diode RR264M-400

## Applications

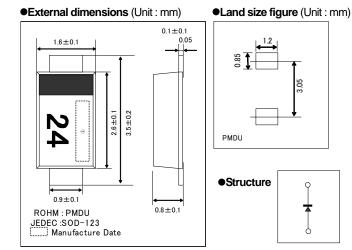
General rectification

#### ● Features

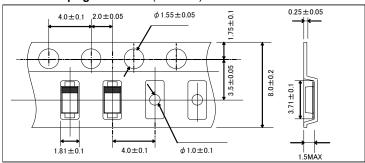
- 1) Small power mold type. (PMDU)
- 2) High reliability.

#### Construction

Silicon diffused junction



# ● 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 <sub>F</sub>	1	Α
Average rectified forward current (*1)	lo	0.7	Α
Forward current surge peak (60Hz-1cyc)	I <sub>FSM</sub>	25	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

<sup>(\*1)</sup> Mounted on epoxy board. 180° Half sine wave

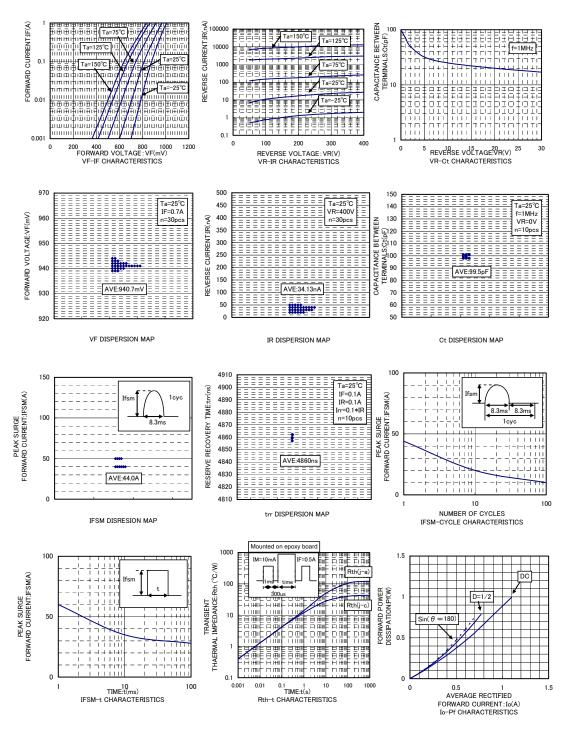
## ●Electrical characteristics (Ta=25°C)

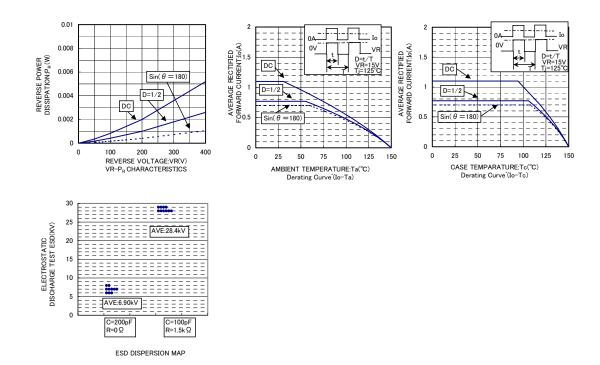
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	$V_{F}$	-	-	1.1	V	I <sub>F</sub> =0.7A
Reverse current	I <sub>R</sub>	-	-	10	uA	V <sub>R</sub> =400V

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## ●Electrical characteristic curves (Ta=25°C)





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