# Rectifying diode RR264M-400

Applications

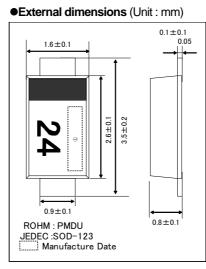
General rectification

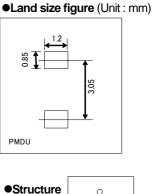
# Features

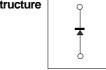
Small power mold type. (PMDU)
High reliability.

# Construction

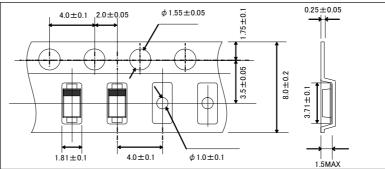
Silicon diffused junction







# •Taping dimensions (Unit : mm)



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

Parameter	Symbol	Limits	Unit
Peak reverse voltage (repetitive peak)	V <sub>R</sub>	400	V
Forward current (DC)	l <sub>F</sub>	1	A
Average rectified forward current ( <sup>*</sup> 1)	lo	0.7	A
Forward current surge peak (60Hz-1cyc)	I <sub>FSM</sub>	25	A
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	S

(\*1) Mounted on epoxy board. 180  $^\circ\,$  Half sine wave

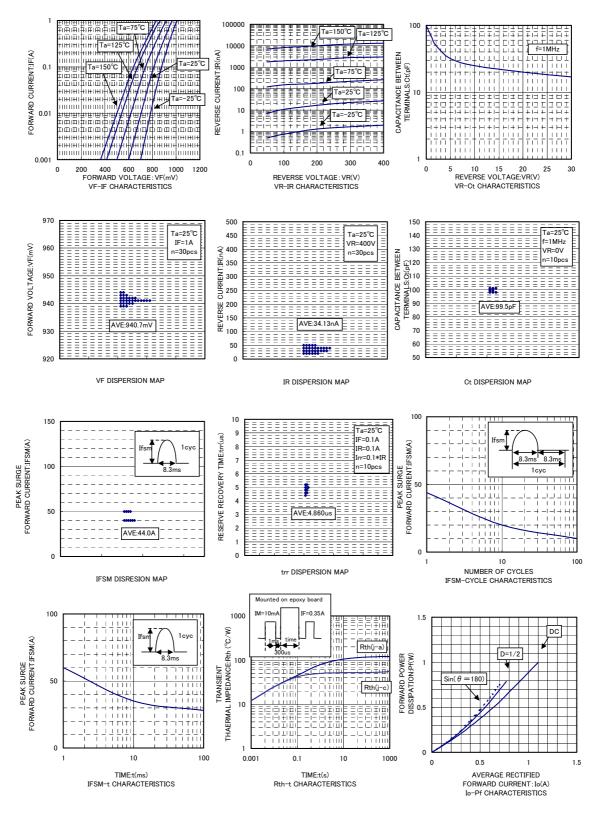
## •Electrical characteristics (Ta=25°C)

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



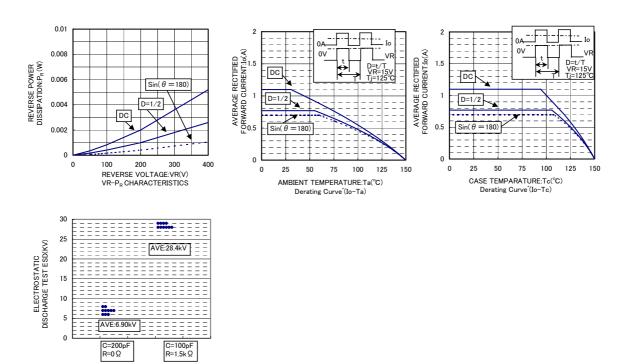
# Diodes





ROHM

Rev.B



ESD DISPERSION MAP

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