Rectifying diode RR264M-400

•Applications

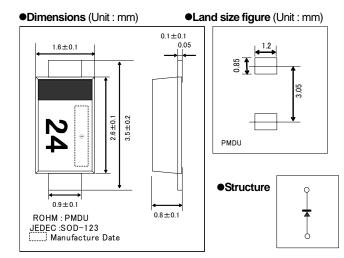
General rectification

Features

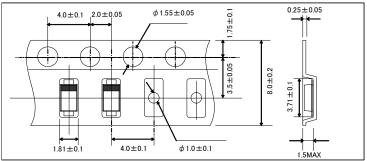
Small power mold type. (PMDU)
High reliability.

Construction

Silicon diffused junction



•Taping dimensions (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

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

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

●Electrical characteristics (Ta=25°C)

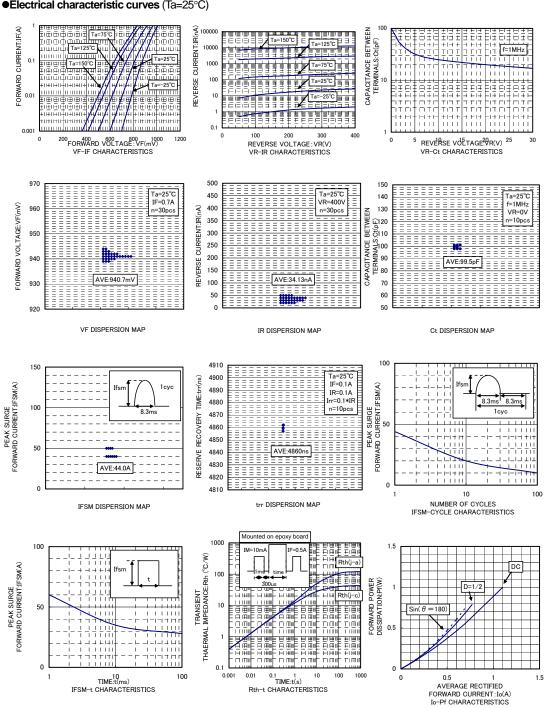
| Parameter | Symbol | Min. | Тур. | Max. | Unit | Conditions |
|-----------------|----------------|------|------|------|------|----------------------|
| Forward voltage | V _F | - | - | 1.1 | V | I _F =0.7A |
| Reverse current | I _R | - | - | 10 | uA | V _R =400V |



Rev.D

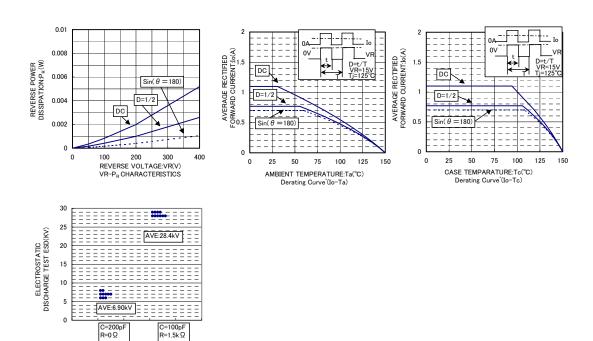
2/3

Diodes



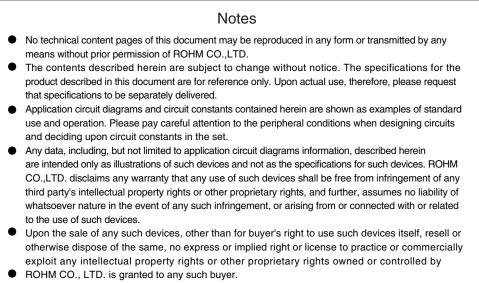
Electrical characteristic curves (Ta=25°C)

ROHM



ESD DISPERSION MAP





• Products listed in this document are no antiradiation design.

The products listed in this document are designed to be used with ordinary electronic equipment or devices (such as audio visual equipment, office-automation equipment, communications devices, electrical appliances and electronic toys).

Should you intend to use these products with equipment or devices which require an extremely high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), please be sure to consult with our sales representative in advance.

It is our top priority to supply products with the utmost quality and reliability. However, there is always a chance of failure due to unexpected factors. Therefore, please take into account the derating characteristics and allow for sufficient safety features, such as extra margin, anti-flammability, and fail-safe measures when designing in order to prevent possible accidents that may result in bodily harm or fire caused by component failure. ROHM cannot be held responsible for any damages arising from the use of the products under conditions out of the range of the specifications or due to non-compliance with the NOTES specified in this catalog.

Thank you for your accessing to ROHM product informations. More detail product informations and catalogs are available, please contact your nearest sales office.

ROHM Customer Support System

THE AMERICAS / EUPOPE / ASIA / JAPAN

www.rohm.com

Contact us : webmaster@rohm.co.jp

Copyright © 2007 ROHM CO., LTD. ROHM CO., LTD. 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan TEL:+81-75-311-2121 FAX:+81-75-315-0172

ROHM

Appendix1-Rev2.0