

Trench MOS Barrier Schottky Rectifier

Features

- Advanced trench technology
- Low forward voltage drop
- Low power losses
- High efficiency operation
- Lead Free Finish, RoHS Compliant

Applications

- DC/DC Converters
- AC/DC Adaptors
- Switching Power Supplies
- Freewheeling Diodes

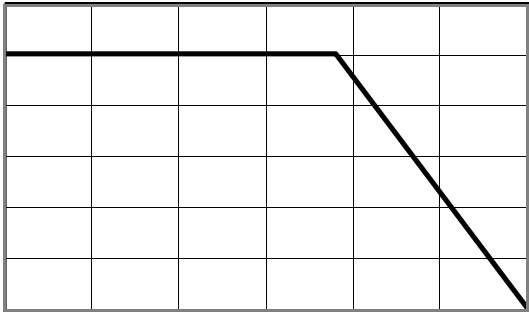
Maximum ratings and electrical characteristics (T_J = 25°C unless otherwise noted)

Parameter	Symbol	Limit	Unit
Maximum repetitive peak reverse voltage	VRRM	0	

Notes:

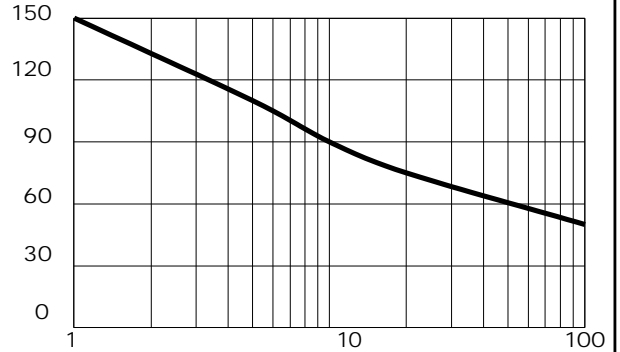
- (1) Pulse test: 300 µs pulse width, 1 % duty cycle
- (2) Pulse test: Pulse width 0.40 ms

RATINGS AND CHARACTERISTICS CURVES (TA = 25 °C unless otherwise noted)

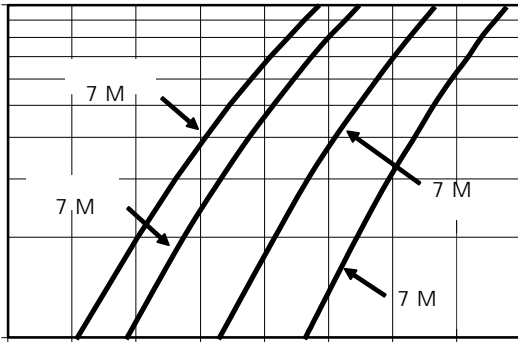


7 F & DVH^R 7 HPS

Current Derating, Case

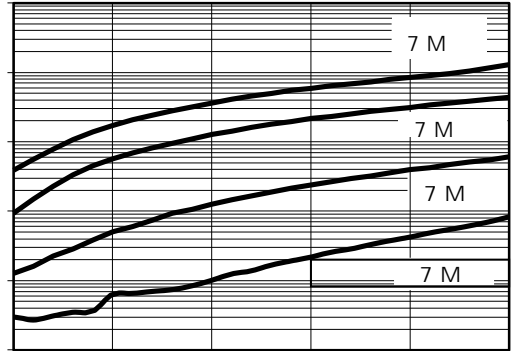


Maximum Repetitive Surge Current



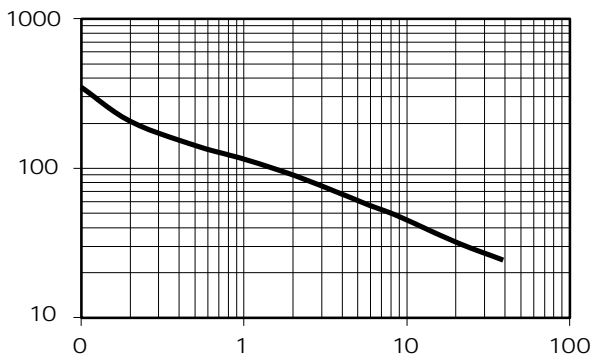
9 I , QVWDQWDQHRXV)RUZDUG

Typical Forward Voltage



9 ROWDJH 9 5HYHUVH 9 ROWDJH 9 ROW

Typical Reverse Current



Typical Junction Capacitance

PACKAGE OUTLINE DIMENSIONS

Note:unit In(mm)

0DUNLQJ ,QIRUPDWLRQ

7: &RPSDQ\ V WUDGHPDUN
83URGXFW PRGHO 765 / '
93' & LQIRUPDWLRQ

