RBR3MM60ATFTR
SCHOTTKY RECTIFIER DIODES

Features
* Ideal for surface mount applications
* Easy pick and place
* Built-in strain relief
* Low forward voltage drop



SOD-123FL



Package Marking and Ordering Information

Product ID	Pack	Marking	Qty(PCS)
RBR3MM60ATFTR	SOD-123FL	K36	3000

Maximum Ratings (Ta=25°C unless otherwise noted)
60Hz resistive or inductive load, for capacitive load, derate by 20 %

Type Number	Limit	Units
Maximum Recurrent Peak Reverse Voltage	60	V
Maximum RMS Voltage	42	V
Maximum DC Blocking Voltage	60	V
Maximum Average Forward Rectified Current At T_L=100°C	3.0	A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	80	A
Maximum Instantaneous Forward Voltage at 3.0A	0.70	V
Maximum DC Reverse Current Ta=25°C	0.1	mA
at Rated DC Blocking Voltage Ta=100°C	5	mA
Typical Junction Capacitance (Note1)	300	pF
Typical Thermal Resistance R JL (Note 2)	10	°C/W
Operating Temperature Range T_J	-65 — +150	°C
Storage Temperature Range T_{STG}	-65 — +150	°C

NOTES:

1. Measured at 1MHz and applied reverse voltage of 4.0V D.C.

2. Thermal Resistance Junction to Lead.

Typical Characteristics

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

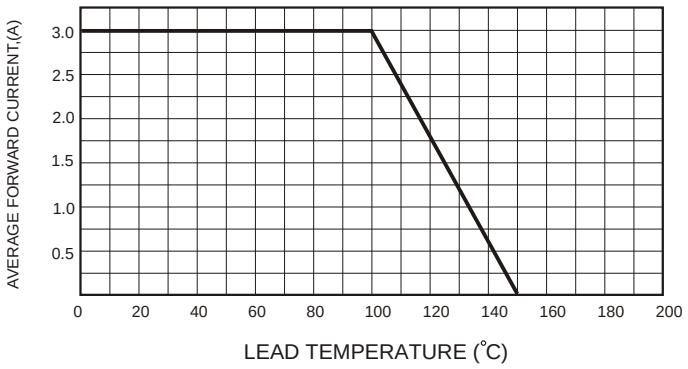


FIG.2-TYPICAL FORWARD CHARACTERISTICS

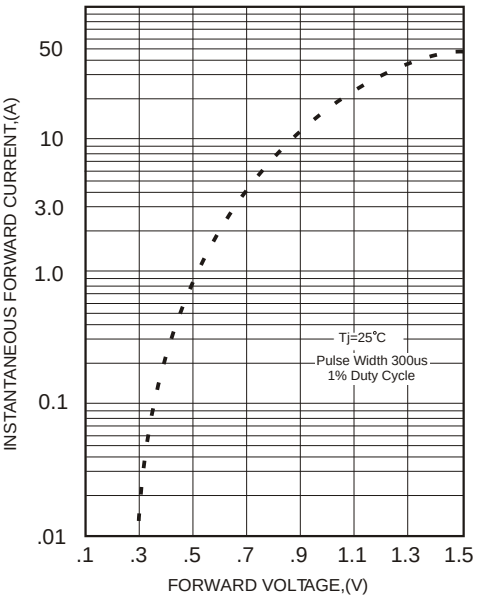


FIG.3-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

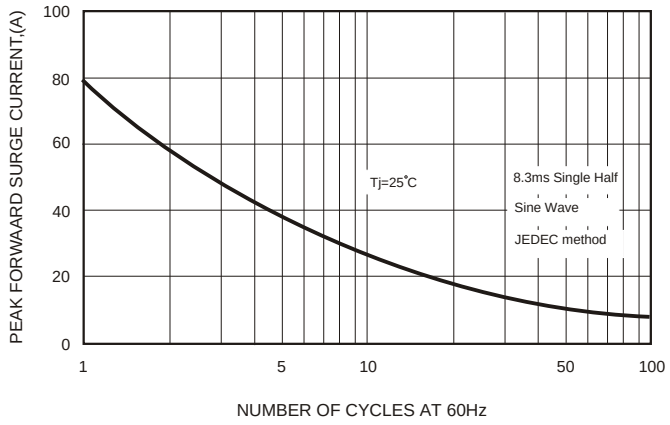


FIG.4-TYPICAL JUNCTION CAPACITANCE

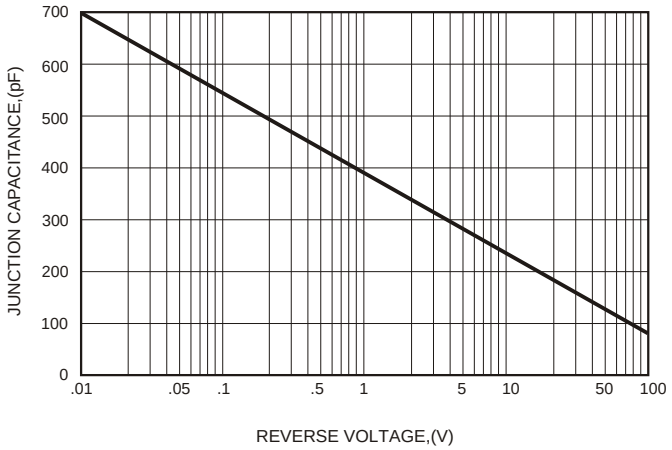
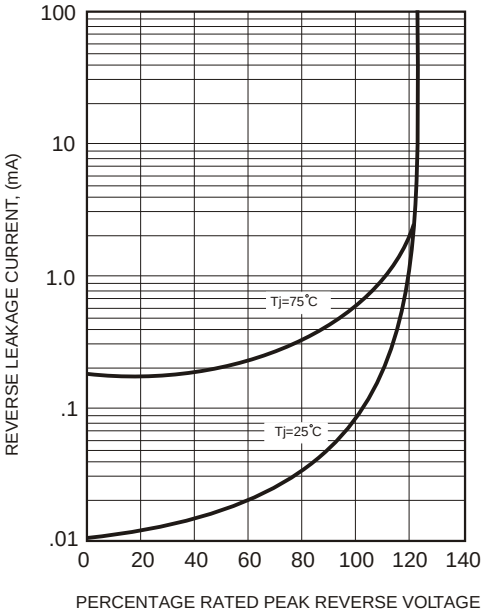
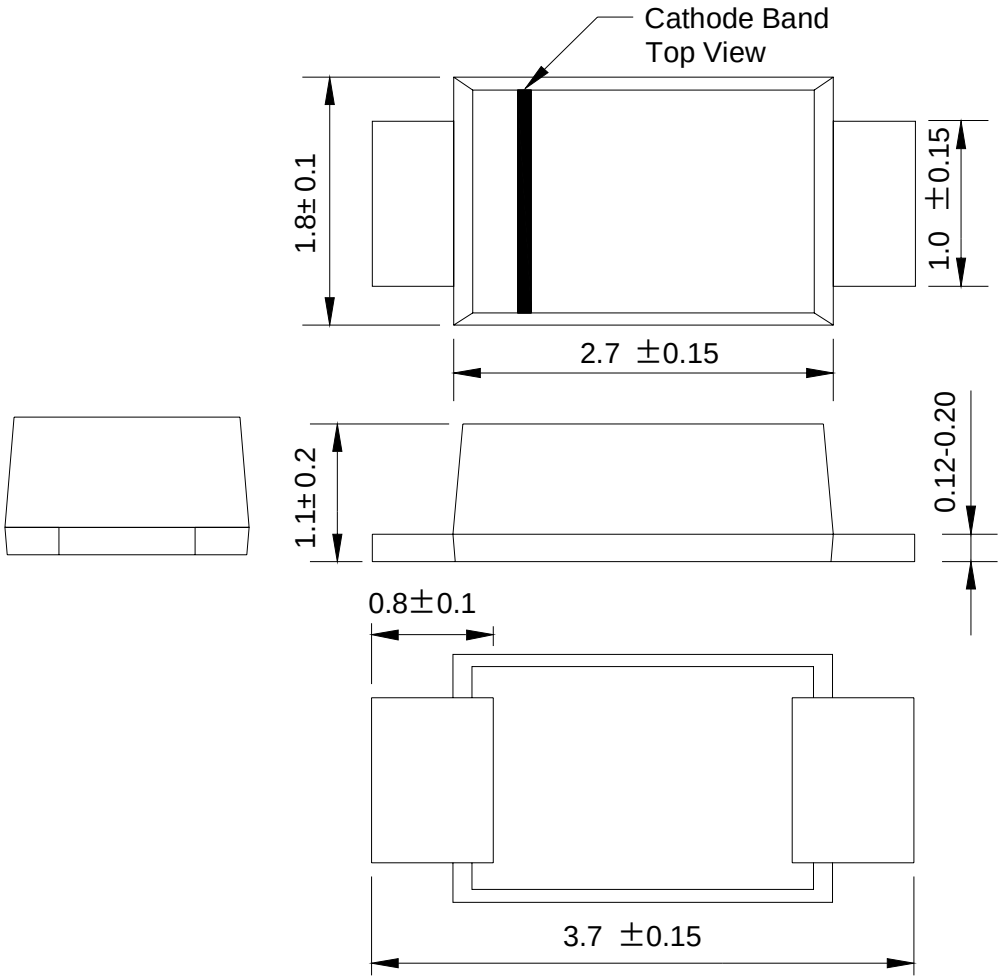


FIG.5 - TYPICAL REVERSE CHARACTERISTICS



Package Outline Dimensions

SOD-123FL



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HXY MOSFET:

HAZ4007-01H ESD5L5.0C-HXY PJSD24CW_R1 ESD5LM5.0C-HXY PESDSC2FD5VU AZ4007-01H AZ4836-01L HCEZ36V,L3F HSEN2411D3 HSG3D15B3.3MA LM393DR-HXY HACPDQC5V0-HF HESD36VD3B PESDLC2FD3V3BH PESDNC2XD5VBF 60N06 HLY323BC1524L HPTVSUC3D5VB HRCLAMP3371ZCTFT HSTS521050B331 PESDNC2XD5VBL TPSMB28A-VR BV05C-H HSD15C.TCT HSEN3611D3 TPSMB100CA-VR AQ15C-01FTG HESDSLC3V3D3B PJEC5V0M1FN2 RLSD32A121V