CMSH2-60TR13
SCHOTTKY RECTIFIER DIODES

Features

- Average Forward Current:$I_{F(AV)}$=2A
- Polarity: Color band denotes cathode



SMB
(DO-214AA)



Package Marking and Ordering Information

Product ID	Pack	Marking	Qty(PCS)
CMSH2-60TR13	SMB (DO-214AA)	SS26	3000

Maximum Ratings (Ta=25°C unless otherwise noted)

Item	Symbol	Unit	Test Conditions	Limit
Repetitive Peak Reverse Voltage	V_{RRM}	V		60
Maximum RMS Voltage	V_{RMS}	V		42
Average Forward Current	$I_{F(AV)}$	A	60Hz Half-sine wave, Resistance load, TL(Fig.1)	2.0
Surge(Non-repetitive)Forward Current	I_{FSM}	A	60Hz Half-sine wave, 1 cycle, Ta=25°C	50
Junction Temperature	T_J	°C		-55 ~ +150
Storage Temperature	T_{STG}	°C		-55 ~ +150

Electrical Characteristics (Ta=25℃ unless otherwise specified)

Item	Symbol	Unit	Test Condition		Limit
Peak Forward Voltage	V_F	V	I_F=2.0A		0.70
Peak Reverse Current	I_{RRM1}	mA	$V_{RM}=V_{RRM}$	Ta=25°C	0.5
	I_{RRM2}			Ta=100°C	5.0
Thermal Resistance(Typical)	$R_{\theta J-A}$	°C/W	Between junction and ambient		75
	$R_{\theta J-L}$		Between junction and terminal		17

Notes:

Thermal resistance from junction to ambient and from junction to lead mounted on P.C.B. with 0.2" x 0.2" (5.0 mm x 5.0 mm) copper pad areas

Typical Characteristics

FIG.1: FORWARD CURRENT DERATING CURVE

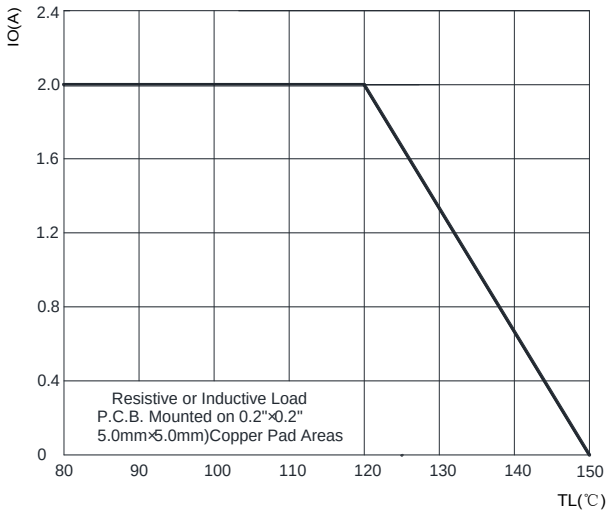


FIG.2: MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

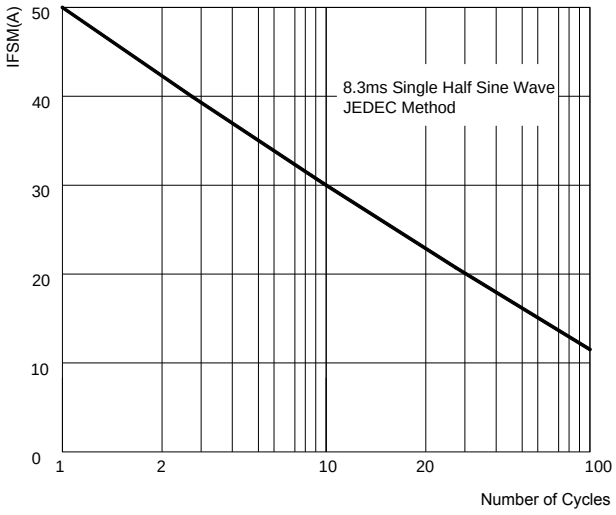


FIG.3: TYPICAL FORWARD CHARACTERISTICS

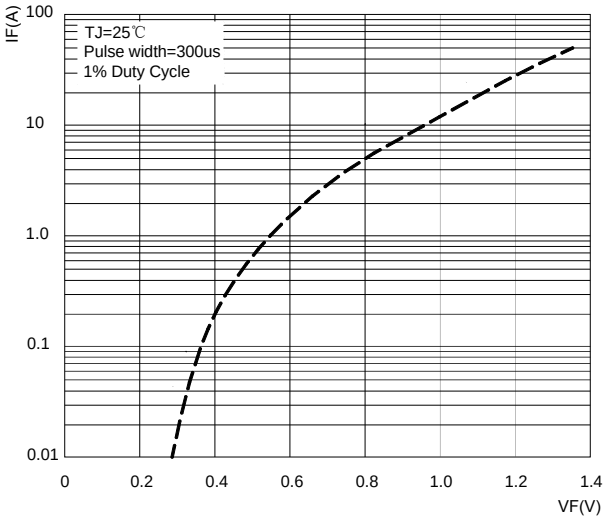
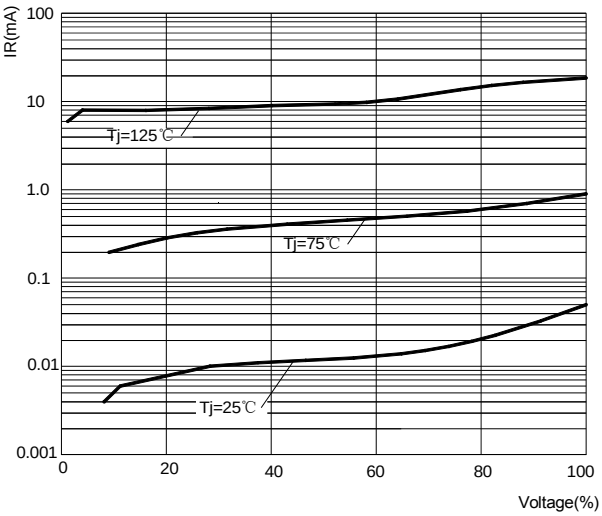
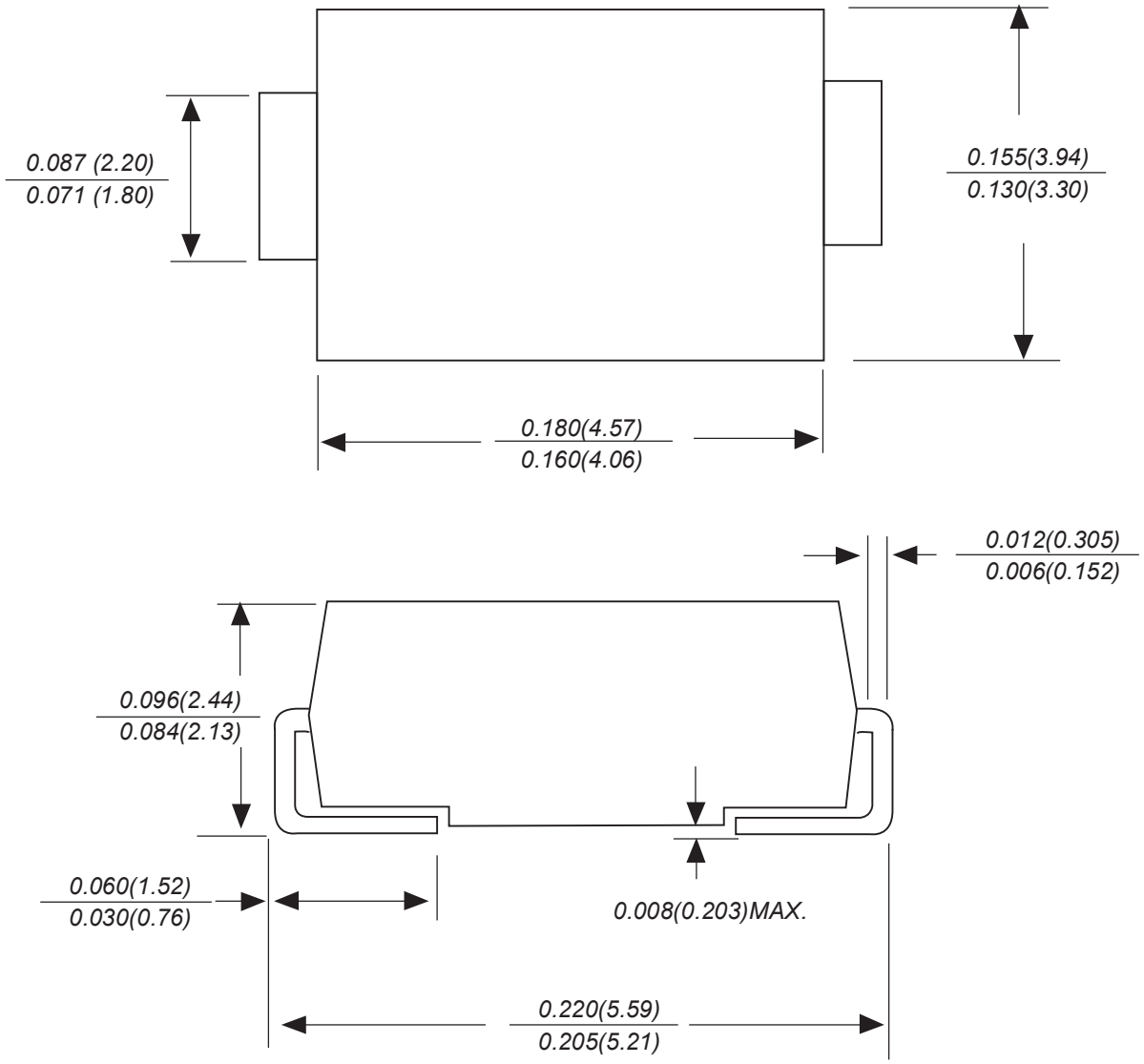


FIG.4：TYPICAL REVERSE CHARACTERISTICS



Package Outline Dimensions

SMB(DO-214AA)



Dimensions in inches and (millimeters)

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HXY MOSFET:

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