

查询CMSH1-100供应商

**CMSH1-20**  
**CMSH1-40**  
**CMSH1-60**  
**CMSH1-100**



**SCHOTTKY BARRIER RECTIFIER**  
**1.0 AMP, 20 THRU 100 VOLTS**



**SMB CASE**

捷多邦, 专业PCB打样工厂, 24小时加急出货

**Central**  
Semiconductor Corp.

**FEATURES:**

- LOW COST
- SUPERIOR LOT TO LOT CONSISTENCY
- HIGH RELIABILITY
- "C" BEND CONSTRUCTION PROVIDES STRAIN RELIEF WHEN MOUNTED ON PC BOARD
- SPECIAL SELECTIONS AVAILABLE

**DESCRIPTION:**

The CENTRAL SEMICONDUCTOR 1.0 Amp Surface Mount Silicon Schottky Rectifier is a high quality, well constructed, highly reliable component designed for use in all types of commercial, industrial, entertainment, computer, and automotive applications. To order devices on 12mm Tape and Reel (3000/13" Reel), add TR13 suffix to part number.

**MAXIMUM RATINGS:** ( $T_A=25^{\circ}\text{C}$  unless otherwise noted)

		<b>CMSH1</b>	<b>CMSH1</b>	<b>CMSH1</b>	<b>CMSH1</b>	
	<b>SYMBOL</b>	<b>-20</b>	<b>-40</b>	<b>-60</b>	<b>-100</b>	<b>UNITS</b>
Peak Repetitive Reverse Voltage	$V_{RRM}$	20	40	60	100	V
DC Blocking Voltage	$V_R$	20	40	60	100	V
RMS Reverse Voltage	$V_{R(RMS)}$	14	28	42	70	V
Average Forward Current ( $T_A=75^{\circ}\text{C}$ )	$I_O$			1.0		A
Peak Forward Surge Current (8.3ms)	$I_{FSM}$			30		A
Operating and Storage						
Junction Temperature	$T_J, T_{stg}$		-65 to +150			$^{\circ}\text{C}$
Thermal Resistance	$\Theta_{JL}$		20			$^{\circ}\text{C/W}$

**ELECTRICAL CHARACTERISTICS:** ( $T_A=25^{\circ}\text{C}$  unless otherwise noted)

<b>SYMBOL</b>	<b>TEST CONDITIONS</b>	<b>MIN</b>	<b>TYP</b>	<b>MAX</b>	<b>UNITS</b>
$V_F$	$I_F=1.0\text{A}$ (CMSH1-20 AND CMSH1-40)			0.55	V
$V_F$	$I_F=1.0\text{A}$ (CMSH1-60)			0.70	V
$V_F$	$I_F=1.0\text{A}$ (CMSH1-100)			0.85	V
$V_R$	$V_R$ =Rated $V_{RRM}$			0.50	mA
$V_R$	$V_R$ =Rated $V_{RRM}, T_A=125^{\circ}\text{C}$			20	mA

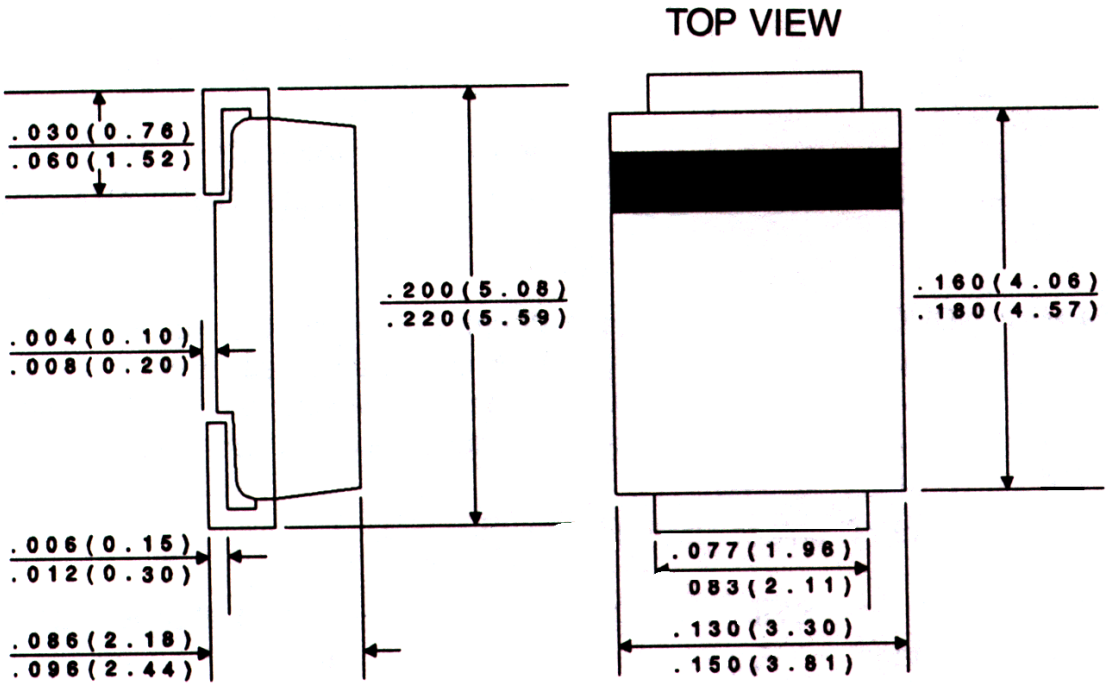


C<sub>J</sub>  
C<sub>J</sub>

V<sub>R</sub>=4.0V, f=1.0MHz, (CMSH1-60)  
V<sub>R</sub>=4.0V, f=1.0MHz, (CMSH1-100)

80  
50

All dimensions in inches (mm).



**Marking Codes:**

DEVICE	MARKING CODE
CMSH1-20	CS20
CMSH1-40	CS40
CMSH1-60	CS60
CMSH1-100	CS100