

臺灣CMSH1-100M供應商

捷多邦, 专业PCB打样工厂, 24小时加急出货

CMSH1-20M

CMSH1-40M

CMSH1-60M

NEW! CMSH1-100M

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

**SUPERTM
mini**



SMA CASE

**CentralTM
Semiconductor Corp.**

FEATURES:

- SUPER MINIATURE CASE
- SUPERIOR LOT TO LOT CONSISTENCY
- LOW COST
- "C" BEND CONSTRUCTION PROVIDES STRAIN RELIEF WHEN MOUNTED ON PC BOARD
- HIGH RELIABILITY
- 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 where small size is required. The SMA case occupies 30% less board space than the SMB case. To order devices on 12mm Tape and Reel (5000/13" Reel), add TR13 suffix to part number.

MAXIMUM RATINGS: (T_A=25°C unless otherwise noted)

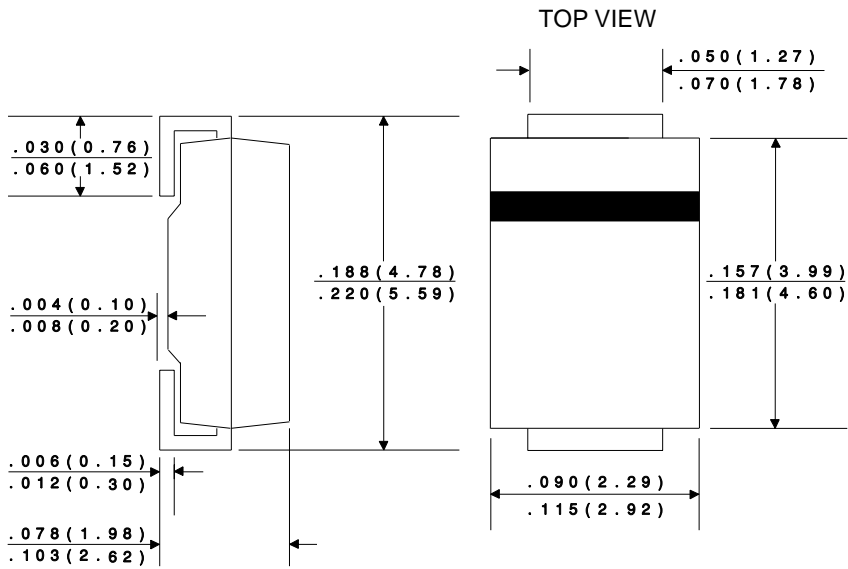
	SYMBOL	CMSH1 -20M	CMSH1 -40M	CMSH1 -60M	CMSH1 -100M	UNITS
Peak Repetitive Reverse Voltage	V _R RRM	20	40	60	100	V
DC Blocking Voltage	V _R	20	40	60	100	V
RMS Reverse Voltage	V _R (RMS)	14	28	42	70	V
Average Forward Current(T _L =75°C)	I _O	1.0	1.0			A
Average Forward Current(T _L =100°C)	I _O			1.0	1.0	A
Peak Forward Surge Current (8.3ms)	I _F FSM	30	30	30	30	A
Operating and Storage Junction Temperature	T _J , T _{stg}		-65 to +150			°C
Thermal Resistance	θ _{JL}	30	30	30	30	°C/W

ELECTRICAL CHARACTERISTICS: (T_A=25°C unless otherwise noted)

SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
V _F	I _F =1.0A (CMSH1-20M AND CMSH1-40M)			0.50	V
V _F	I _F =1.0A (CMSH1-60M)			0.70	V
V _F	I _F =1.0A (CMSH1-100M)			0.85	V
V _R	V _R =Rated V _R RRM			0.50	mA
V _R	V _R =Rated V _R RRM, T _A =100°C			10	mA
C _J	V _R =4.0V, f=1.0MHz, (CMSH1-20M AND CMSH1-40M)		100		pF
C _J	V _R =4.0V, f=1.0MHz, (CMSH1-60M)		80		pF
C _J	V _R =4.0V, f=1.0MHz, (CMSH1-100M)		50		pF



All dimensions in inches (mm).



Marking Codes:

DEVICE	MARKING CODE
CMSH1-20M	CS20M
CMSH1-40M	CS40M
CMSH1-60M	CS60M
CMSH1-100M	CS100M