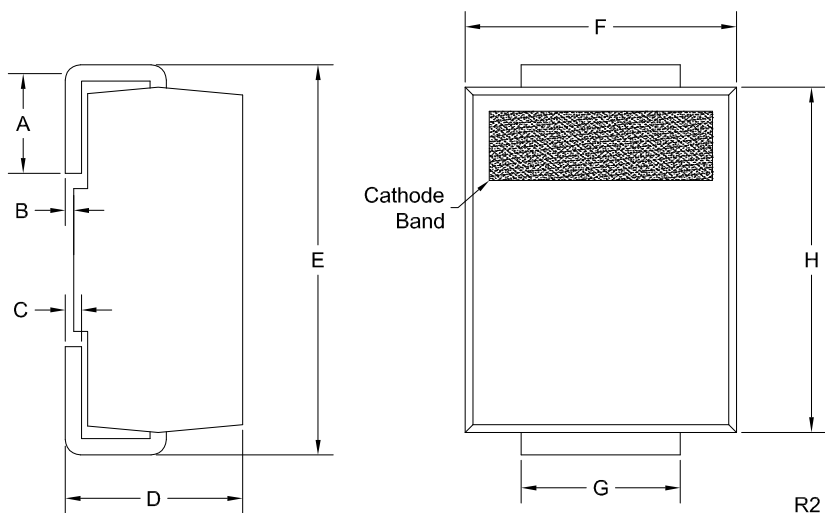


CMSH1-20 CMSH1-60  
CMSH1-40 CMSH1-100

**SURFACE MOUNT SILICON  
SCHOTTKY RECTIFIERS  
1.0 AMP, 20 THRU 100 VOLT**



# **SMB CASE - MECHANICAL OUTLINE**



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

SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.030	0.060	0.76	1.52
B	0.000	0.008	0.00	0.20
C	0.006	0.012	0.15	0.30
D	0.086	0.096	2.18	2.44
E	0.200	0.220	5.08	5.59
F	0.130	0.150	3.30	3.81
G	0.077	0.083	1.96	2.11
H	0.160	0.191	4.06	4.85

SMB (REV: R2)

R5 (6-September 2018)

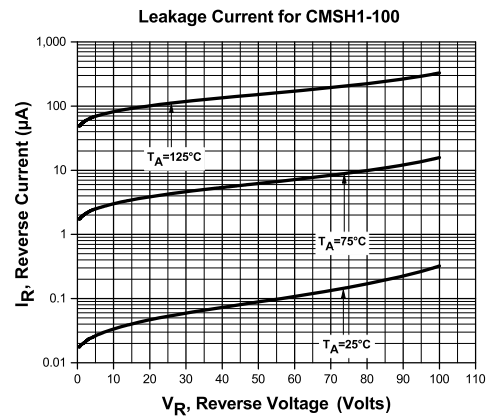
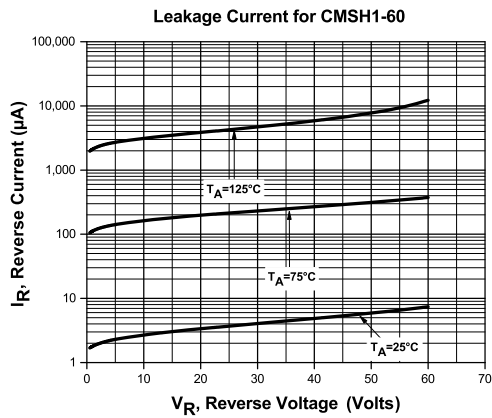
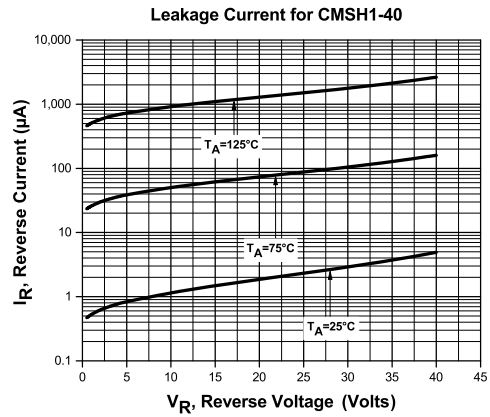
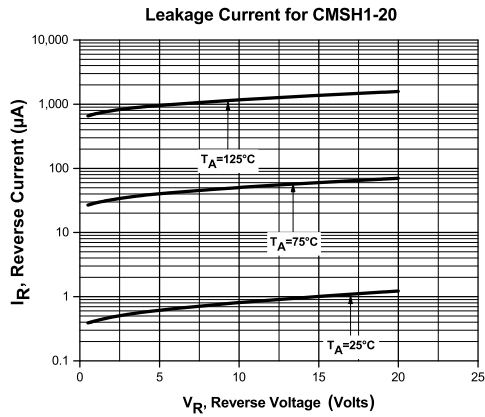
[www.centalsemi.com](http://www.centalsemi.com)

CM SH1-20    CM SH1-60  
CM SH1-40    CM SH1-100

SURFACE MOUNT SILICON  
SCHOTTKY RECTIFIERS  
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## TYPICAL ELECTRICAL CHARACTERISTICS



R5 (6-September 2018)

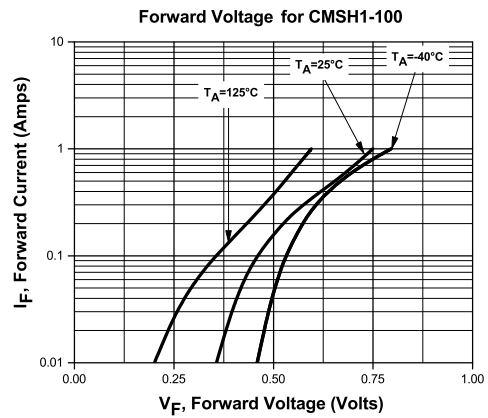
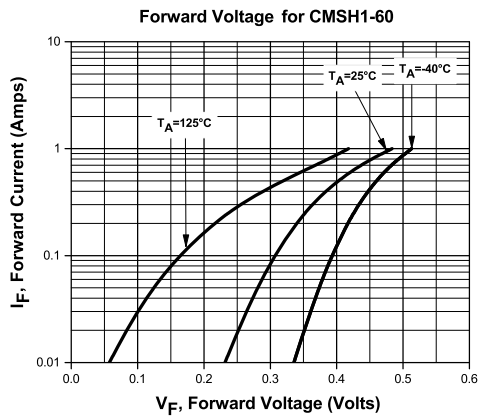
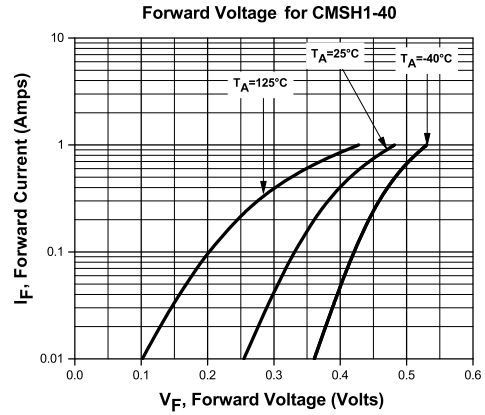
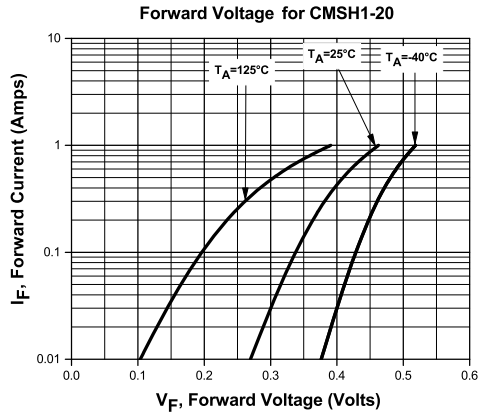
[www.centrasemi.com](http://www.centrasemi.com)

CM SH1-20    C M SH1-60  
CM SH1-40    C M SH1-100

**SURFACE MOUNT SILICON  
SCHOTTKY RECTIFIERS  
1.0 AMP, 20 THRU 100 VOLT**



## TYPICAL ELECTRICAL CHARACTERISTICS



R5 (6-September 2018)

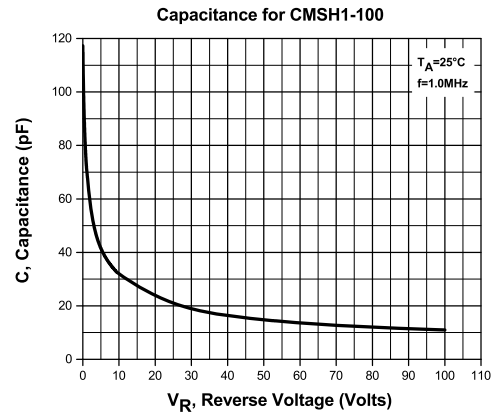
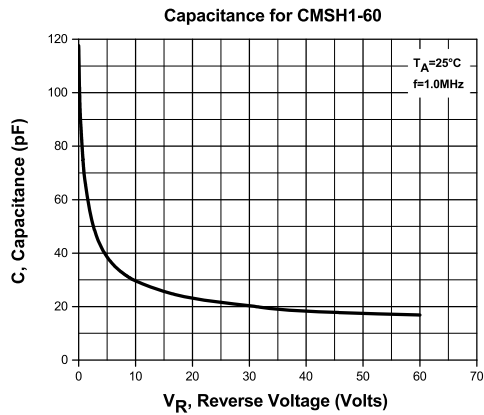
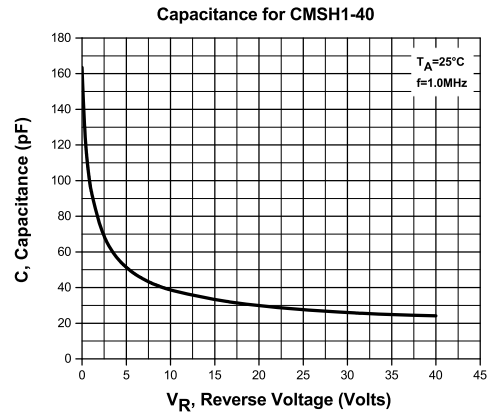
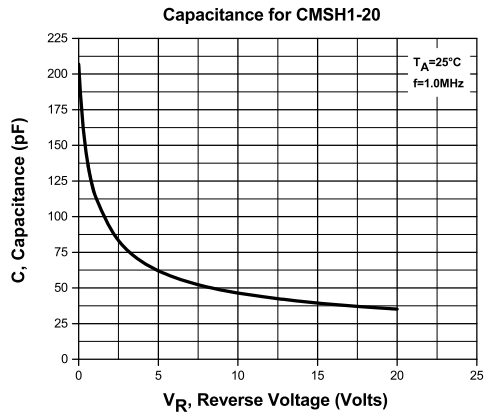
[www.centrasemi.com](http://www.centrasemi.com)

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

SURFACE MOUNT SILICON  
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1.0 AMP, 20 THRU 100 VOLT



## TYPICAL ELECTRICAL CHARACTERISTICS



R5 (6-September 2018)

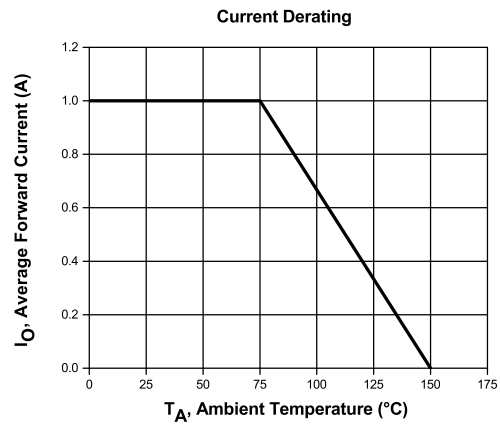
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CMSH1-20    CMSH1-60  
CMSH1-40    CMSH1-100

SURFACE MOUNT SILICON  
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## TYPICAL ELECTRICAL CHARACTERISTICS



R5 (6-September 2018)

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## OUTSTANDING SUPPORT AND SUPERIOR SERVICES



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### PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

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### DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2<sup>nd</sup> day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

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### REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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### CONTACT US

#### Corporate Headquarters & Customer Support Team

Central Semiconductor Corp.  
145 Adams Avenue  
Hauppauge, NY 11788 USA  
Main Tel: (631) 435-1110  
Main Fax: (631) 435-1824  
Support Team Fax: (631) 435-3388  
[www.centalsemi.com](http://www.centalsemi.com)

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