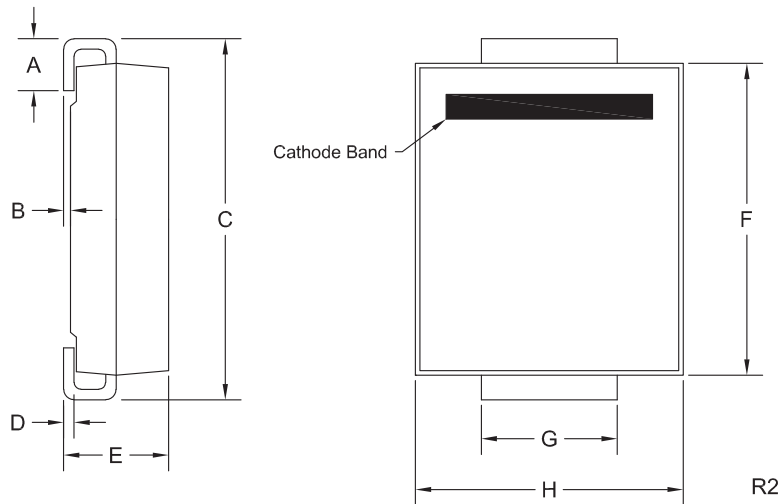


CMSH5-20 CMSH5-60  
CMSH5-40 CMSH5-100

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



# **SMC CASE - MECHANICAL OUTLINE**



DEVICE	MARKING CODE
CMSH5-20	CS520
CMSH5-40	CS540
CMSH5-60	CS560
CMSH5-100	CS5100

DIMENSIONS				
SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.030	0.060	0.76	1.52
B	0.002	0.008	0.05	0.20
C	0.305	0.320	7.75	8.13
D	0.006	0.012	0.15	0.31
E	0.079	0.103	2.00	2.62
F	0.260	0.280	6.60	7.11
G	0.108	0.128	2.75	3.25
H	0.220	0.245	5.59	6.22

SMC (REV: R2)

R6 (22-December 2015)

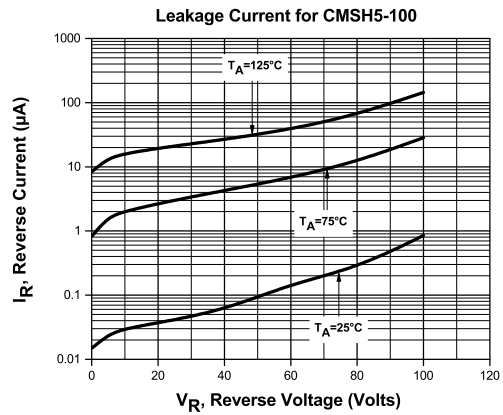
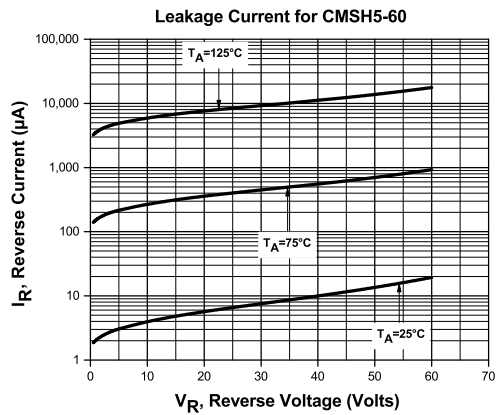
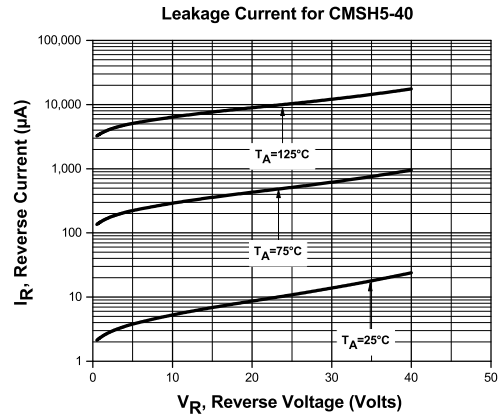
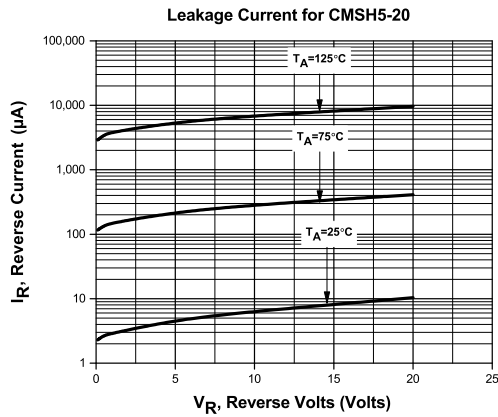
[www.centalsemi.com](http://www.centalsemi.com)

CMSH5-20 CMSH5-60  
CMSH5-40 CMSH5-100

SURFACE MOUNT SILICON  
SCHOTTKY RECTIFIERS  
5.0 AMP, 20 THRU 100 VOLT



## TYPICAL ELECTRICAL CHARACTERISTICS



R6 (22-December 2015)

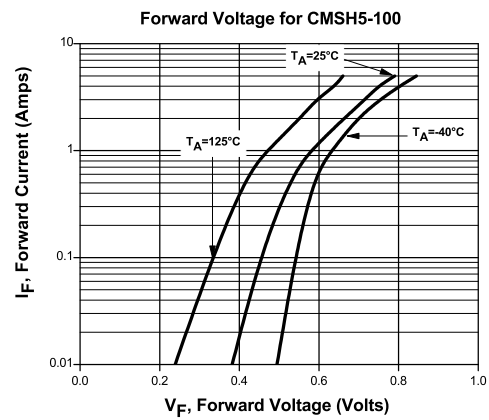
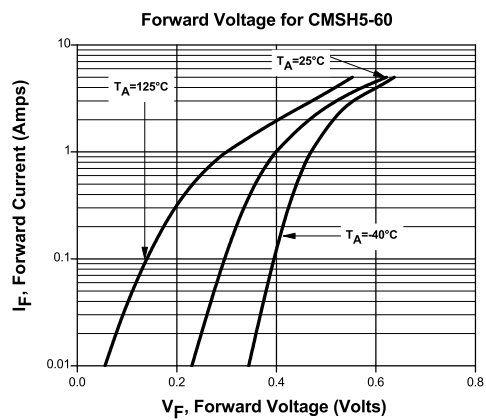
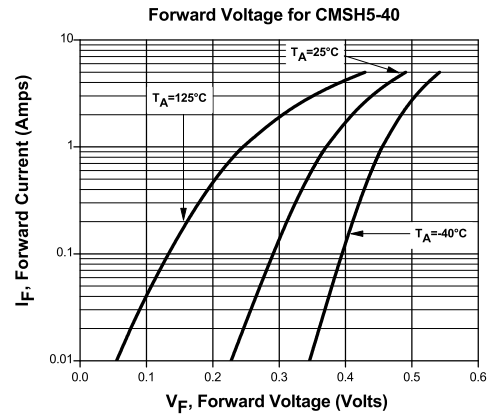
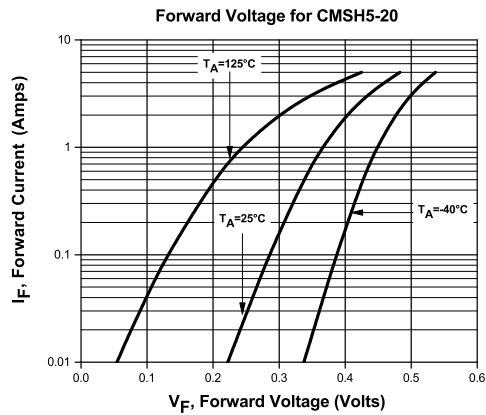
[www.centrasemi.com](http://www.centrasemi.com)

CMSH5-20 CMSH5-60  
CMSH5-40 CMSH5-100

SURFACE MOUNT SILICON  
SCHOTTKY RECTIFIERS  
5.0 AMP, 20 THRU 100 VOLT



## TYPICAL ELECTRICAL CHARACTERISTICS



R6 (22-December 2015)

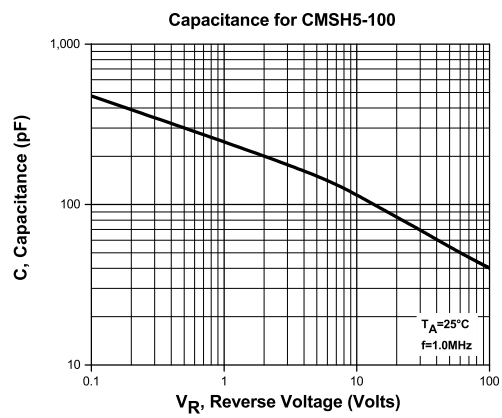
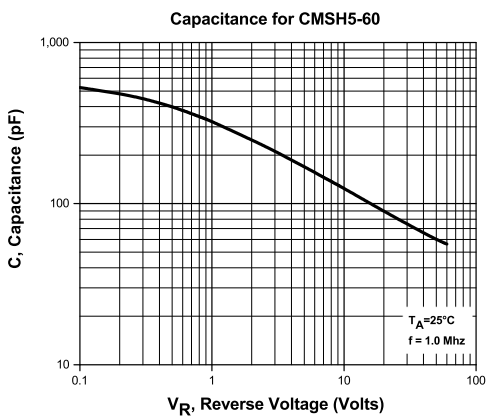
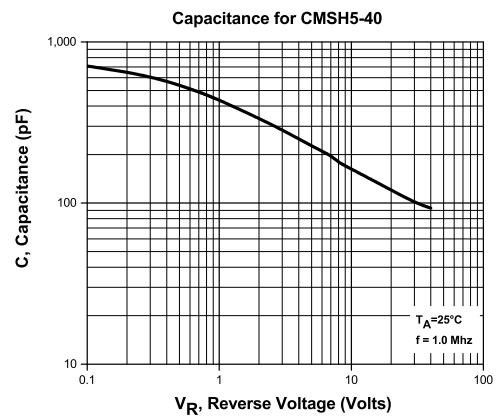
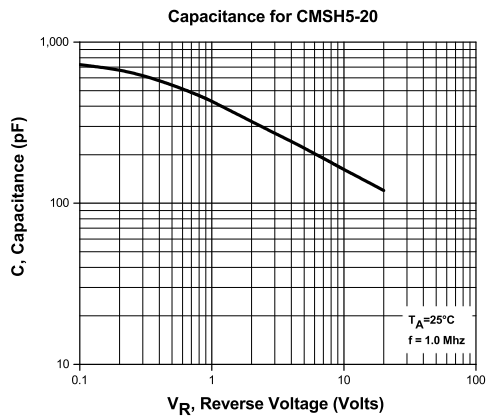
[www.centrasemi.com](http://www.centrasemi.com)

CMSH5-20 CMSH5-60  
CMSH5-40 CMSH5-100

SURFACE MOUNT SILICON  
SCHOTTKY RECTIFIERS  
5.0 AMP, 20 THRU 100 VOLT



## TYPICAL ELECTRICAL CHARACTERISTICS



R6 (22-December 2015)

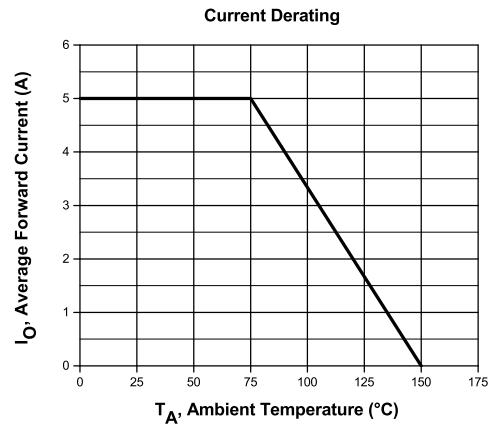
[www.centrasemi.com](http://www.centrasemi.com)

CMSH5-20 CMSH5-60  
CMSH5-40 CMSH5-100

SURFACE MOUNT SILICON  
SCHOTTKY RECTIFIERS  
5.0 AMP, 20 THRU 100 VOLT



## TYPICAL ELECTRICAL CHARACTERISTICS



R6 (22-December 2015)

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

## OUTSTANDING SUPPORT AND SUPERIOR SERVICES



---

### 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

---

### 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

---

### 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).

---

### 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)

**Worldwide Field Representatives:**  
[www.centalsemi.com/wwreps](http://www.centalsemi.com/wwreps)

**Worldwide Distributors:**  
[www.centalsemi.com/wwdistributors](http://www.centalsemi.com/wwdistributors)

---

For the latest version of Central Semiconductor's **LIMITATIONS AND DAMAGES DISCLAIMER**, which is part of Central's Standard Terms and Conditions of sale, visit: [www.centalsemi.com/terms](http://www.centalsemi.com/terms)