

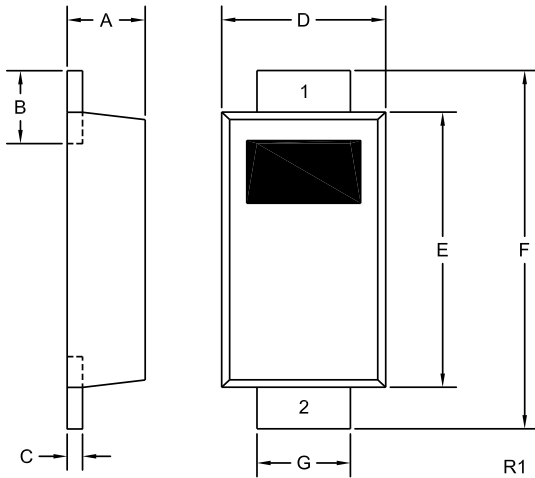
CMMSH1-20 CMMSH1-20G*
CMMSH1-40 CMMSH1-40G*
CMMSH1-60 CMMSH1-60G*
CMMSH1-100 CMMSH1-100G*
SURFACE MOUNT SILICON
SCHOTTKY RECTIFIERS
1.0 AMP, 20 THRU 100 VOLT



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

SYMBOL	TEST CONDITIONS	TYP	UNITS
C_J	$V_R=4.0\text{V}$, $f=1.0\text{MHz}$ (CMMSH1-20, -20G)	60	pF
C_J	$V_R=4.0\text{V}$, $f=1.0\text{MHz}$ (CMMSH1-40, -40G)	60	pF
C_J	$V_R=4.0\text{V}$, $f=1.0\text{MHz}$ (CMMSH1-60, -60G)	50	pF
C_J	$V_R=4.0\text{V}$, $f=1.0\text{MHz}$ (CMMSH1-100, -100G)	40	pF

SOD-123F CASE - MECHANICAL OUTLINE



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.035	0.043	0.88	1.08
B	0.020	0.031	0.50	0.80
C	0.004	0.008	0.10	0.20
D	0.065	0.077	1.65	1.95
E	0.104	0.116	2.65	2.95
F	0.140	0.156	3.55	3.95
G	0.030	0.041	0.75	1.05

SOD-123F (REV:R1)

LEAD CODE:

- 1) Cathode
- 2) Anode

MARKING CODES:

DEVICE	CODE
CMMSH1-20	CS20F
CMMSH1-40	CS40F
CMMSH1-60	CS60F
CMMSH1-100	CS100F
CMMSH1-20G*	CS20G
CMMSH1-40G*	CS40G
CMMSH1-60G*	CS60G
CMMSH1-100G*	CS100G

* Device is *Halogen Free* by design

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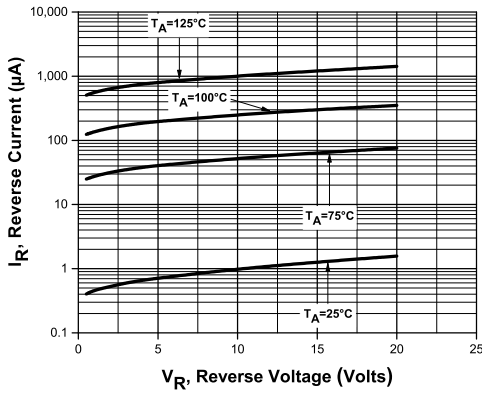
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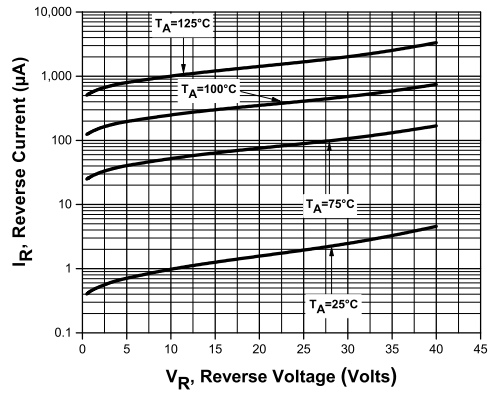


TYPICAL ELECTRICAL CHARACTERISTICS

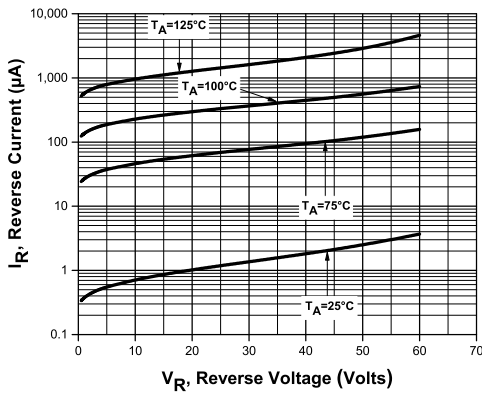
Leakage Current for CMMSH1-20



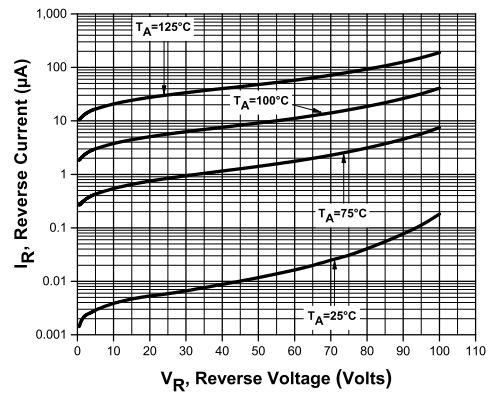
Leakage Current for CMMSH1-40



Leakage Current for CMMSH1-60



Leakage Current for CMMSH1-100



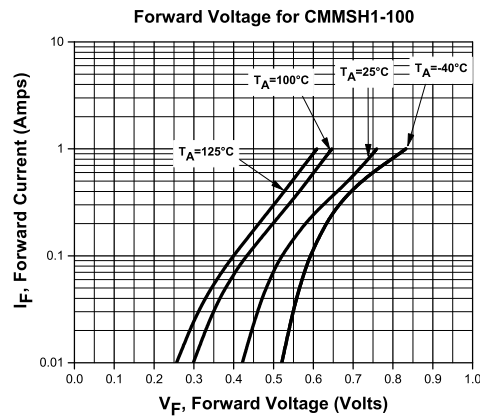
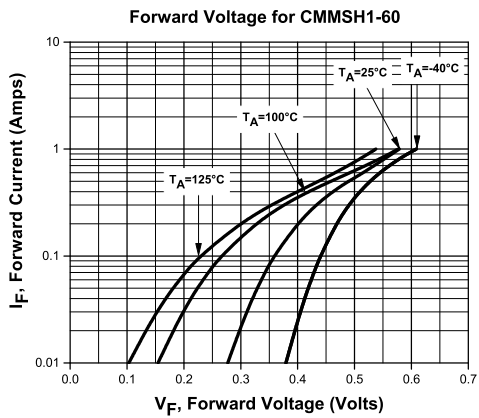
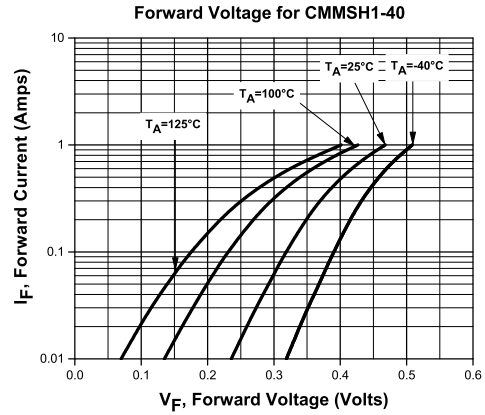
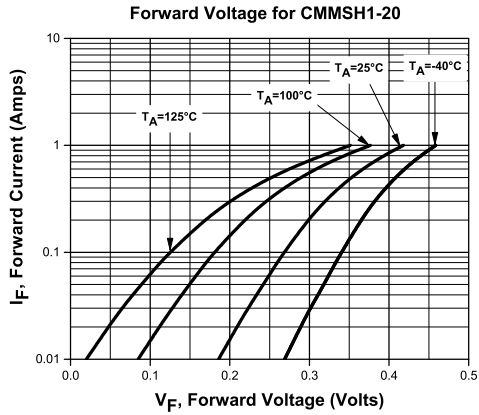
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CMMSH1-100 CMMSH1-100G*

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TYPICAL ELECTRICAL CHARACTERISTICS



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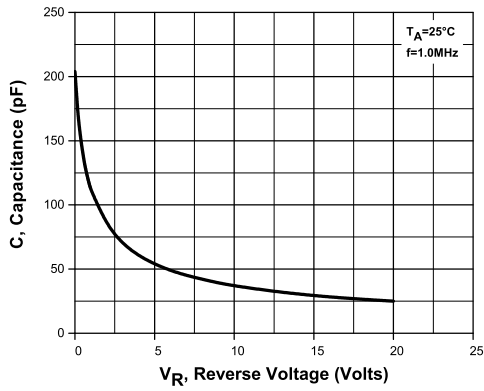
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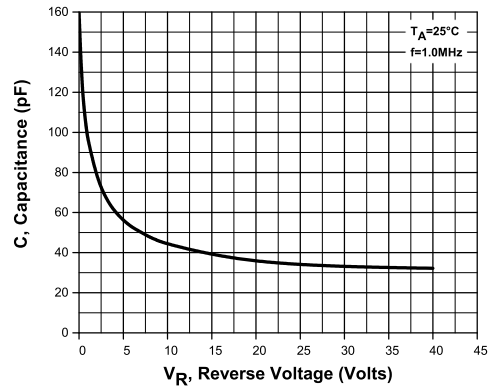


TYPICAL ELECTRICAL CHARACTERISTICS

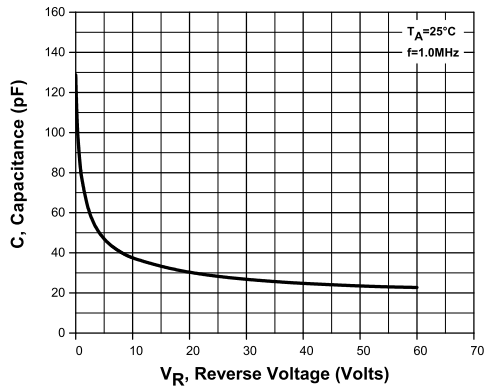
Capacitance for CMMSH1-20



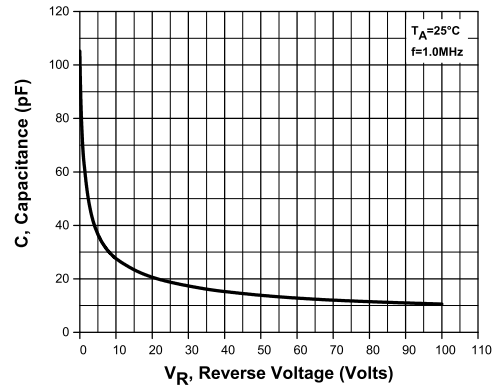
Capacitance for CMMSH1-40



Capacitance for CMMSH1-60



Capacitance for CMMSH1-100



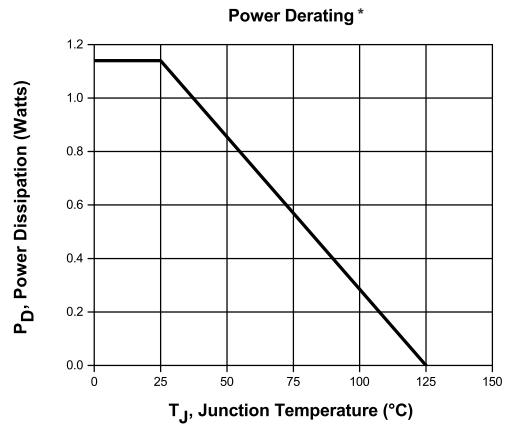
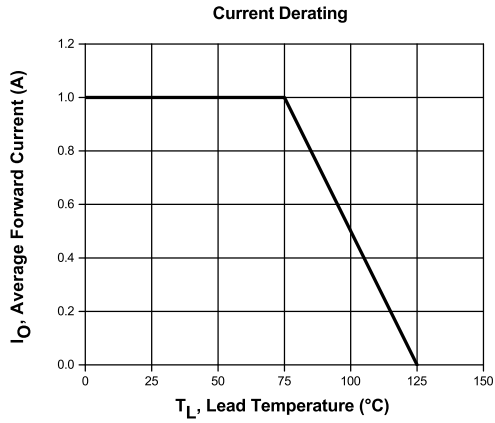
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TYPICAL ELECTRICAL CHARACTERISTICS



*FR-4 Epoxy PC Board with Copper Mounting Pad Area of 2.9mm²

R6 (23-November 2015)

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 (2nd 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

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