

CMHZ4678 THRU CMHZ4717

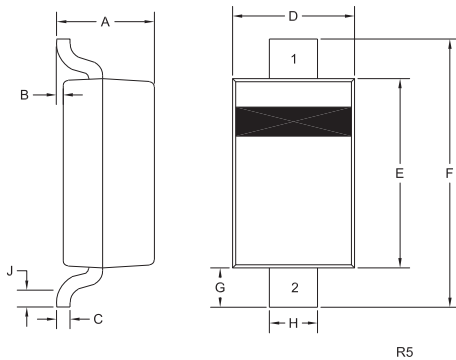
**SURFACE MOUNT SILICON
LOW LEVEL ZENER DIODES
500mW, 1.8 THRU 43 VOLT
5% TOLERANCE**



ELECTRICAL CHARACTERISTICS - Continued: ($T_A=25^\circ\text{C}$), $V_F=1.5\text{V MAX @ } I_F=100\text{mA}$ (for all types)

TYPE	ZENER VOLTAGE			TEST CURRENT	MAXIMUM REVERSE CURRENT		MAXIMUM ZENER CURRENT	MAXIMUM NOISE DENSITY	MARKING CODE
	V _Z @ I _{ZT}			I _{ZT}	I _R @ V _R		I _{ZM}	N _D @ I _{ZT}	
	MIN V	NOM V	MAX V	μA	μA	V	mA	μV/√Hz	
CMHZ4697	9.500	10	10.50	50	1.0	7.6	24.8	40	CDE
CMHZ4698	10.45	11	11.55	50	0.05	8.4	21.6	40	CDF
CMHZ4699	11.40	12	12.60	50	0.05	9.1	20.4	40	CDH
CMHZ4700	12.35	13	13.65	50	0.05	9.8	19.0	40	CDJ
CMHZ4701	13.30	14	14.70	50	0.05	10.6	17.5	40	CDK
CMHZ4702	14.25	15	15.75	50	0.05	11.4	16.3	40	CDM
CMHZ4703	15.20	16	16.80	50	0.05	12.1	15.4	40	CDN
CMHZ4704	16.15	17	17.85	50	0.05	12.9	14.5	40	CDP
CMHZ4705	17.10	18	18.90	50	0.05	13.6	13.2	40	CDT
CMHZ4706	18.05	19	19.95	50	0.05	14.4	12.5	40	CDU
CMHZ4707	19.00	20	21.00	50	0.01	15.2	11.9	40	CDV
CMHZ4708	20.90	22	23.10	50	0.01	16.7	10.8	40	CDA
CMHZ4709	22.80	24	25.20	50	0.01	18.2	9.9	40	CDZ
CMHZ4710	23.75	25	26.25	50	0.01	19.0	9.5	40	CDY
CMHZ4711	25.65	27	28.35	50	0.01	20.4	8.8	40	CEA
CMHZ4712	26.60	28	29.40	50	0.01	21.2	8.5	40	CEC
CMHZ4713	28.50	30	31.50	50	0.01	22.8	7.9	40	CED
CMHZ4714	31.35	33	34.65	50	0.01	25.0	7.2	40	CEE
CMHZ4715	34.20	36	37.80	50	0.01	27.3	6.6	40	CEF
CMHZ4716	37.05	39	40.95	50	0.01	29.6	6.1	40	CEH
CMHZ4717	40.85	43	45.15	50	0.01	32.6	5.5	40	CEJ

SOD-123 CASE - MECHANICAL OUTLINE



SYMBOL	DIMENSIONS		MIN	MAX
	INCHES	MILLIMETERS		
A	0.037	0.053	0.95	1.35
B	0.000	0.005	0.00	0.12
C	-	0.008	-	0.20
D	0.055	0.071	1.40	1.80
E	0.098	0.110	2.50	2.80
F	0.142	0.154	3.60	3.90
G	0.016	-	0.40	-
H	0.020	0.028	0.50	0.70
J	0.010	-	0.25	-

SOD-123 (REV:R5)

Lead Code:

- 1) Cathode
- 2) Anode

R7 (23-September 2015)

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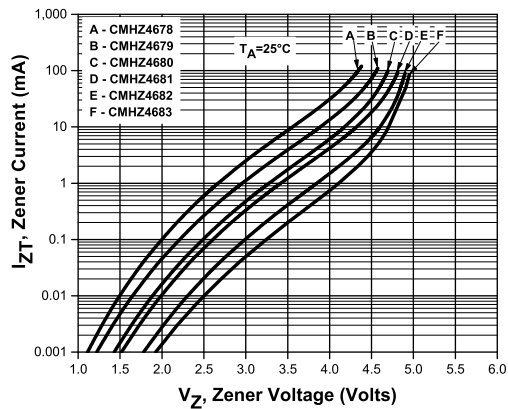
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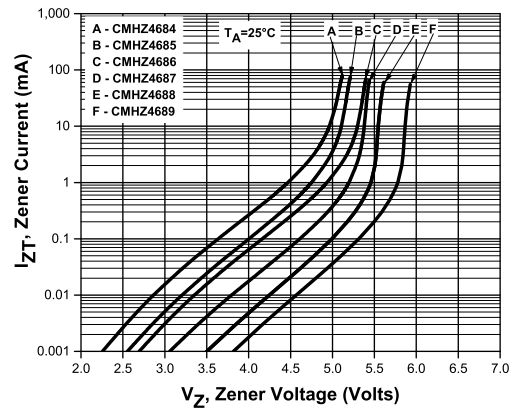


TYPICAL ELECTRICAL CHARACTERISTICS

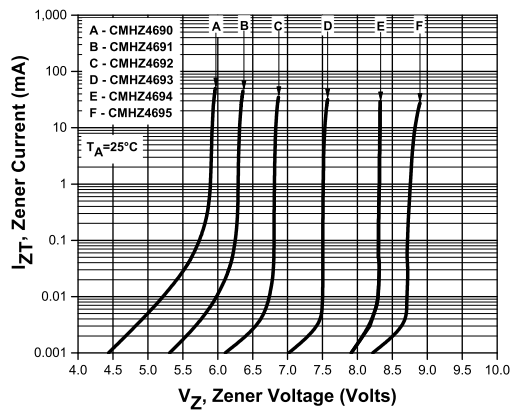
Zener Voltage, CMHZ4678-CMHZ4683



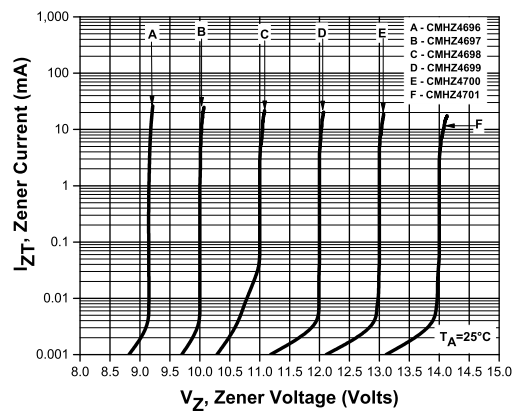
Zener Voltage, CMHZ4684-CMHZ4689



Zener Voltage, CMHZ4690-CMHZ4695



Zener Voltage, CMHZ4696-CMHZ4701



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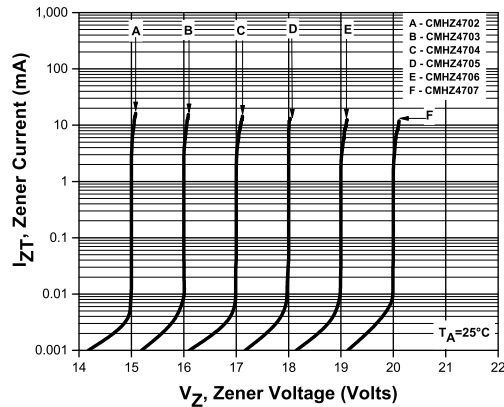
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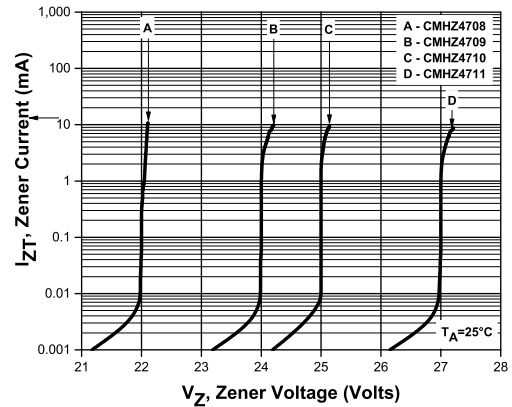


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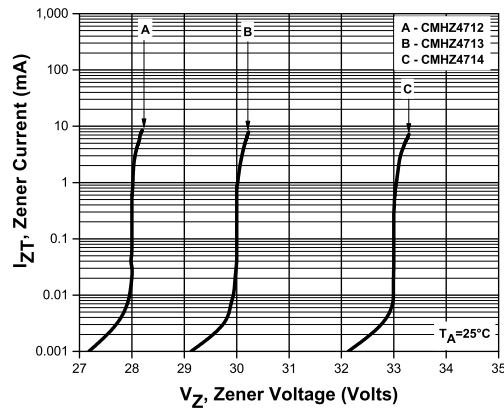
Zener Voltage, CMHZ4702-CMHZ4707



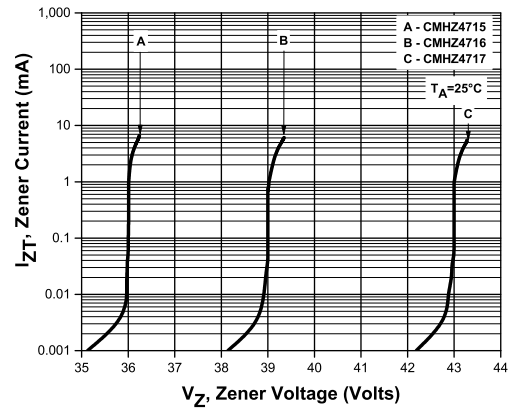
Zener Voltage, CMHZ4708-CMHZ4711



Zener Voltage, CMHZ4712-CMHZ4714



Zener Voltage, CMHZ4715-CMHZ4717



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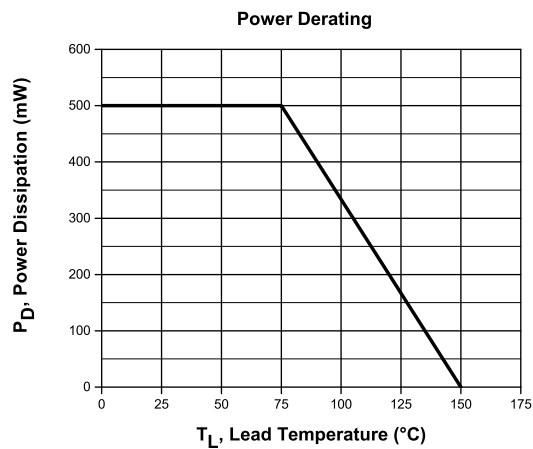
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TYPICAL ELECTRICAL CHARACTERISTICS



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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

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

Worldwide Field Representatives:
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