

CMHZ5221B THRU CMHZ5267B

**SURFACE MOUNT
SILICON ZENER DIODE
2.4 VOLTS THRU 75 VOLTS
500mW, 5% TOLERANCE**

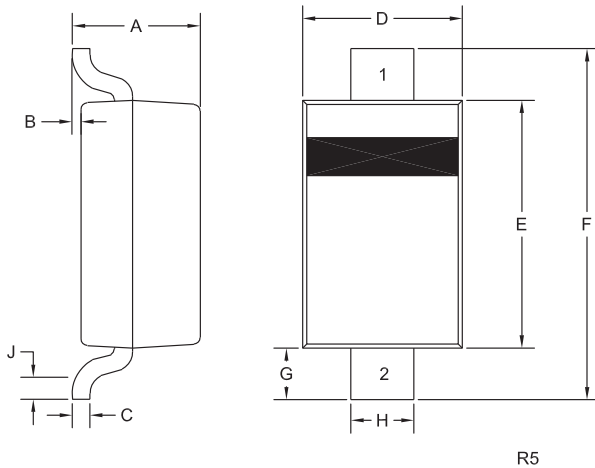


ELECTRICAL CHARACTERISTICS: ($T_A=25^\circ\text{C}$), $V_F=0.9\text{V MAX @ } I_F=10\text{mA}$ (for all types)

TYPE	ZENER VOLTAGE $V_Z @ I_{ZT}$			TEST CURRENT	MAXIMUM ZENER IMPEDANCE			MAXIMUM REVERSE CURRENT		MAX. TEMP. COEFF.	MARKING CODE
	MIN	NOM	MAX	I_{ZT}	$Z_{ZT} @ I_{ZT}$	$Z_{ZK} @ I_{ZK}$	$I_R @ V_R$	θV_Z			
	V	V	V	mA	Ω	Ω	μA	%/°C			
CMHZ5254B	25.65	27	28.35	4.6	41	600	0.25	0.1	21	+0.090	CK4
CMHZ5255B	26.60	28	29.40	4.5	44	600	0.25	0.1	21	+0.091	CK5
CMHZ5256B	28.50	30	31.50	4.2	49	600	0.25	0.1	23	+0.091	CM1
CMHZ5257B	31.35	33	34.65	3.8	58	700	0.25	0.1	25	+0.092	CM2
CMHZ5258B	34.20	36	37.80	3.4	70	700	0.25	0.1	27	+0.093	CM3
CMHZ5259B	37.05	39	40.95	3.2	80	800	0.25	0.1	30	+0.094	CM4
CMHZ5260B	40.85	43	45.15	3.0	93	900	0.25	0.1	33	+0.095	CM5
CMHZ5261B	44.65	47	49.35	2.7	105	1000	0.25	0.1	36	+0.095	CN1
CMHZ5262B	48.45	51	53.55	2.5	125	1100	0.25	0.1	39	+0.096	CN2
CMHZ5263B	53.20	56	58.80	2.2	150	1300	0.25	0.1	43	+0.096	CN3
CMHZ5264B	57.00	60	63.00	2.1	170	1400	0.25	0.1	46	+0.097	CN4
CMHZ5265B	58.90	62	65.10	2.0	185	1400	0.25	0.1	47	+0.097	CN5
CMHZ5266B	64.60	68	71.40	1.8	230	1600	0.25	0.1	52	+0.097	CP1
CMHZ5267B	71.25	75	78.75	1.7	270	1700	0.25	0.1	56	+0.098	CP2

Higher Zener voltages may be available upon request. Please consult factory.

SOD-123 CASE - MECHANICAL OUTLINE



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
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

R9 (12-August 2010)

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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