

MM3Z SERIES

Technical Data Data Sheet N1354, Rev. A **Green Products**

MM3Z2B4-MM3ZB75 ZENER DIODES

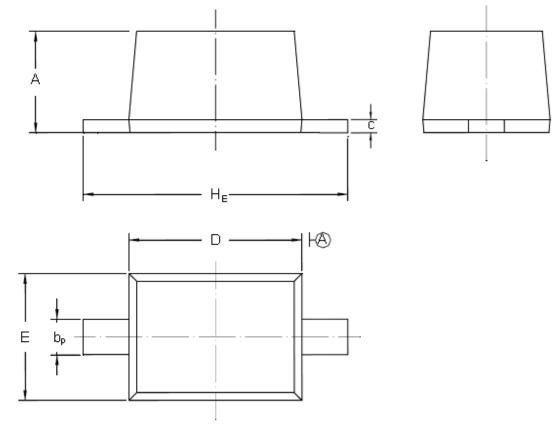
Features:

- Power Dissipation: 300 mW
- Zener Voltage Tolerance: ± 2%

Mechanical Data:

- Case: SOD-323, Molded Plastic
- Terminals: Plated Leads Solderable per MIL-STD-202, Method 208
- Polarity :Cathode Band
- Marking: Marking Code

Mechanical Dimensions: In mm



UNIT	А	bp	С	D	E	HE
mm	1.10 0.80	0.40 0.25	0.15 0.10	1.80 1.60	1.35 1.15	2.80 2.30

SOD-323(XH)

- China Germany Korea Singapore United States •
- http://www.smc-diodes.com sales@ smc-diodes.com •



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Ordering Information:

Device	Package	Shipping
	SOD-323	2000 non / rool
MM3Z2B4-MM3ZB75	(Pb-Free)	3000pcs / reel

For information on tape and reel specifications, including part orientation and tape sizes, please refer to our Tape and Reel Packaging Specification.

Maximum Ratings (Ta=25°C, Unless otherwise specified)

Characteristic	Symbol	MM3Z2B4-MM3ZB75	Unit
Total Power Dissipation	Ptot	300	mW
Forward voltage at IF=10mA	VF	0.9	V
Thermal Resistance Junction to Ambient Air	Reja	417	°C/W
Junction Temperature	TJ	-55 to +150	°C
Storage Temperature Range	T _{STG}	-65 to +150	°C



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Electrical Characteristics (Tamb=25°C, Unless otherwise specified)

	Marking Code	Zener Voltage Range ¹⁾			Dynamic Impedance		Reverse Leakage Current	
Туре		Vznom		for V _{ZT}	Z _{zt} (Max.)	at I _{zt}	I _R (Max.)	at V _R
		V	mA	V .	Ω	mA	μΑ	V
MM3Z2B4	DN	2.4	5	2.3522.448	100	5	120	1
MM3Z2B7	DP	2.7	5	2.6462.754	110	5	120	1
MM3Z3B0	DR	3.0	5	2.943.06	120	5	50	1
MM3Z3B3	DX	3.3	5	3.2343.366	130	5	20	1
MM3Z3B6	DY	3.6	5	3.5283.672	130	5	10	1
MM3Z3B9	DZ	3.9	5	3.8223.978	130	5	5	1
MM3Z4B3	ZO	4.3	5	4.2144.386	130	5	5	1
MM3Z4B7	EB	4.7	5	4.6064.794	130	5	2	1
MM3Z5B1	EC	5.1	5	4.9985.202	130	5	2	1.5
MM3Z5B6	ED	5.6	5	5.4885.712	80	5	1	2.5
MM3Z6B2	EE	6.2	5	6.0766.324	50	5	1	3
MM3Z6B8	EF	6.8	5	6.6646.936	30	5	0.5	3.5
MM3Z7B5	EH	7.5	5	7.357.65	30	5	0.5	4
MM3Z8B2	EJ	8.2	5	8.0368.364	30	5	0.5	5
MM3Z9B1	EK	9.1	5	8.9189.282	30	5	0.5	6
MM3ZB10	EM	10	5	9.8 10.2	30	5	0.1	7
MM3ZB11	EN	11	5	10.7811.22	30	5	0.1	8
MM3ZB12	EP	12	5	11.76 12.24	35	5	0.1	9
MM3ZB13	ER	13	5	12.74 13.26	35	5	0.1	10
MM3ZB15	ΕX	15	5	14.715.3	40	5	0.1	11
MM3ZB16	ΕY	16	5	15.68 16.32	40	5	0.1	12
MM3ZB18	EZ	18	5	17.64 18.36	45	5	0.1	13
MM3ZB20	FA	20	5	19.620.4	50	5	0.1	15
MM3ZB22	FB	22	5	21.5622.44	55	5	0.1	17
MM3ZB24	FC	24	5	23.5224.48	60	5	0.1	19
MM3ZB27	FD	27	5	26.4627.54	70	2	0.1	21
MM3ZB30	FE	30	5	29.430.6	80	2	0.1	23
MM3ZB33	FF	33	5	32.3433.66	80	2	0.1	25
MM3ZB36	FH	36	5	35.2836.72	90	2	0.1	27
MM3ZB39	FJ	39	2.5	38.2239.78	100	2	2	30
MM3ZB43	XJ	43	2.5	42.1443.86	130	2	2	33
MM3ZB47	XK	47	2.5	46.0647.94	150	2	2	36
MM3ZB51	ХM	51	2.5	49.9852.02	180	2	1	39
MM3ZB56	XN	56	2.5	54.8857.12	180	2	1	43
MM3ZB62	XP	62	2.5	60.7663.24	200	2	0.2	47
MM3ZB68	XR	68	2.5	66.6469.36	250	2	0.2	52
MM3ZB75	XX	75	2.5	73.576.5	300	2	0.2	57

Note: Vz is tested with pulses (20 ms).

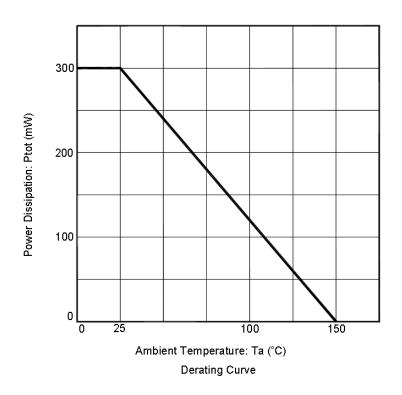


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Technical Data

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