

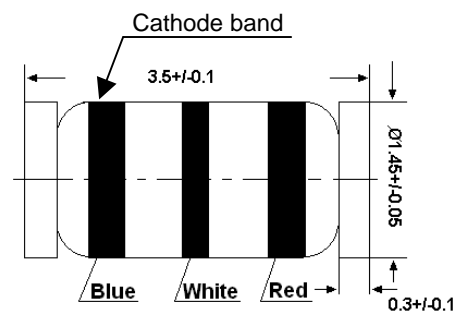
ZMM ... LZB Series

SILICON EPITAXIAL PLANER ZENER DIODES Constant Voltage Control Applications

LL-34

Features

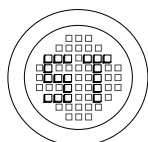
- Small surface mounting type (LLDS)
- High reliability



**Glass case MiniMELF
Dimensions in mm**

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

	Symbol	Value	Unit
Power Dissipation	P_{tot}	500	mW
Junction Temperature	T_j	175	$^\circ\text{C}$
Storage Temperature Range	T_s	-65 to +175	$^\circ\text{C}$



®

РАДИОТЕХ

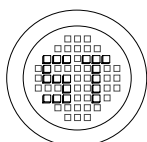
Тел.: (495) 795-0805
Факс: (495) 234-1603
Эл. почта: info@rct.ru
Веб: www.rct.ru

ZMM ... LZB Series

Characteristics at $T_a = 25^\circ\text{C}$

TYPE	Zener Voltage			Operating resistance		Rising operating resistance		Reverse Current	
	V_Z (V)		I_Z (mA)	Z_Z (Ω)		Z_{ZK} (Ω)		I_R (μA)	
	Min.	Max.		Max.	I_Z (mA)	Max.	I_Z (mA)	Max.	V_R (V)
ZMM 3.6 LZB	3.600	3.845	20	60	20	1000	1	10	1.0
ZMM 3.9 LZB	3.89	4.16	20	50	20	1000	1	5	1.0
ZMM 4.3 LZB	4.17	4.43	20	40	20	1000	1	5	1.0
ZMM 4.7 LZB	4.55	4.80	20	25	20	900	1	5	1.0
ZMM 5.1 LZB	4.94	5.20	20	20	20	800	1	5	1.5
ZMM 5.6 LZB	5.45	5.73	20	13	20	500	1	5	2.5
ZMM 6.2 LZB	5.96	6.27	20	10	20	300	1	5	3.0
ZMM 6.8 LZB	6.49	6.83	20	8	20	150	0.5	2	3.5
ZMM 7.5 LZB	7.07	7.45	20	8	20	120	0.5	0.5	4.0
ZMM 8.2 LZB	7.78	8.19	20	8	20	120	0.5	0.5	5.0
ZMM 9.1 LZB	8.57	9.01	20	8	20	120	0.5	0.5	6.0
ZMM 10 LZB	9.41	9.90	20	8	20	120	0.5	0.2	7.0
ZMM 11 LZB	10.50	11.05	10	10	10	120	0.5	0.2	8.0
ZMM 12 LZB	11.44	12.03	10	12	10	110	0.5	0.2	9.0
ZMM 13 LZB	12.55	13.21	10	14	10	110	0.5	0.2	10
ZMM 15 LZB	13.89	14.62	10	16	10	110	0.5	0.2	11
ZMM 16 LZB	15.25	16.04	10	18	10	150	0.5	0.2	12
ZMM 18 LZB	16.82	17.70	10	23	10	150	0.5	0.2	13
ZMM 20 LZB	18.63	19.59	10	28	10	200	0.5	0.2	15
ZMM 22 LZB	20.64	21.71	5	30	5	200	0.5	0.2	17
ZMM 24 LZB	22.61	23.77	5	35	5	200	0.5	0.2	19
ZMM 27 LZB	24.97	26.26	5	45	5	250	0.5	0.2	21
ZMM 30 LZB	27.70	29.13	5	55	5	250	0.5	0.2	23
ZMM 33 LZB	30.32	31.88	5	65	5	250	0.5	0.2	25
ZMM 36 LZB	32.79	34.49	5	75	5	250	0.5	0.2	27
ZMM 39 LZB	35.36	37.19	5	85	5	250	0.5	0.2	30

* Tested with pulses $t_p = 20$ ms.



®

SEMTECH ELECTRONICS LTD.

(Subsidiary of Semtech International Holdings Limited, a company listed on the Hong Kong Stock Exchange, Stock Code: 724)



ISO/TS 16949 : 2002
Certificate No. 05103



ISO 14001
Certificate No. 7116



ISO 9001 : 2000
Certificate No. 555-1996-A2-RCC-204

Dated : 02/04/2005