

SURFACE MOUNT ZENER DIODES

SPECIFICATION (52xxB SERIES)

SURFACE MOUNT ZENER DIODE (SOD-323 PACKAGE)

ELECTRICAL CHARACTERISTICS (Ta = 25°C) (CASE 39)

New Product

ZSM SERIES

Surge Part No.	Zener Voltage $V_Z @ I_{ZT}$		Test Current I_{ZT} mA	Maximum Zener Impedence $Z_{ZT} @ I_{ZT}$	Maximum Reverse Current	
	Min	Max			$I_R @ V_R$	
	Volts	Volts			μA	Volts
ZSM 5221B	2.280	2.520	20	30	100	1.0
ZSM 5222B	2.375	2.625	20	30	100	1.0
ZSM 5223B	2.565	2.835	20	30	75	1.0
ZSM 5224B	2.660	2.940	20	30	75	1.0
ZSM 5225B	2.850	3.150	20	29	50	1.0
ZSM 5226B	3.135	3.465	20	28	25	1.0
ZSM 5227B	3.420	3.780	20	24	15	1.0
ZSM 5228B	3.705	4.095	20	23	10	1.0
ZSM 5229B	4.086	4.516	20	22	5.0	1.0
ZSM 5230B	4.465	4.935	20	18	5.0	2.0
ZSM 5231B	4.845	5.355	20	17	5.0	2.0
ZSM 5232B	5.320	5.880	20	11	5.0	3.0
ZSM 5233B	5.700	6.300	20	7.0	5.0	3.5
ZSM 5234B	5.890	6.510	20	7.0	5.0	4.0
ZSM 5235B	6.460	7.140	20	5.0	3.0	5.0
ZSM 5236B	7.125	7.875	20	6.0	3.0	6.0
ZSM 5237B	7.790	8.610	20	8.0	3.0	6.5
ZSM 5238B	8.255	9.135	20	8.0	3.0	6.5
ZSM 5239B	8.645	9.555	20	10	3.0	7.0
ZSM 5240B	9.500	10.50	20	17	3.0	8.0
ZSM 5241B	10.45	11.55	20	22	2.0	8.4
ZSM 5242B	11.40	12.60	20	30	1.0	9.1
ZSM 5243B	12.35	13.65	9.5	13	0.5	9.9
ZSM 5244B	13.30	14.70	9.0	15	0.1	10
ZSM 5245B	14.25	15.75	8.5	16	0.1	11
ZSM 5246B	15.20	16.60	7.8	17	0.1	12
ZSM 5247B	16.16	17.86	7.4	19	0.1	13
ZSM 5248B	17.10	18.90	7.0	21	0.1	14
ZSM 5249B	18.05	19.95	6.6	23	0.1	14
ZSM 5250B	19.00	21.00	6.2	25	0.1	15
ZSM 5251B	20.90	23.10	5.6	29	0.1	17
ZSM 5252B	22.80	25.20	5.2	33	0.1	18
ZSM 5253B	23.75	26.26	5.0	35	0.1	19
ZSM 5254B	25.65	28.35	4.8	41	0.1	21
ZSM 5255B	26.60	29.40	4.6	44	0.1	21
ZSM 5256B	28.50	31.80	4.2	49	0.1	23
ZSM 5257B	31.35	34.65	3.8	58	0.1	25
ZSM 5258B	34.20	37.80	3.4	70	0.1	27
ZSM 5259B	37.05	40.95	3.2	80	0.1	30
ZSM 5260B	40.85	45.15	3.0	93	0.1	33
ZSM 5261B	44.65	49.35	2.7	105	0.1	36

Note: Zener Voltage measured by 40ms test pulse