

2ZB7.5~2ZB200

2.0WATT SURFACE MOUNT SILICON ZENER DIODES

SMB

TYPE	Zener(I) Voltage Range Vz at IZT (V)	Maximum Zener Impedance ZZT at IZT (Ω)	Typical Temperature Coefficient at IZT (% / °C)	Test Current IZT (mA)	Min. Reverse Voltage at IR = IuA VR (V)	Max. Regulator Current at 45 °C IZM (mA)
2ZB7.5	7.0-7.9	2	0.035	100	2.0	200
2ZB8.2	7.7-8.7	2	0.055	100	3.5	180
2ZB9.1	8.5-9.6	4	0.055	50	3.5	165
2ZB10	9.4-10.6	4	0.070	50	5.0	145
2ZB11	10.4-11.6	7	0.075	50	5.0	135
2ZB12	11.4-12.7	7	0.075	50	7.0	125
2ZB13	12.4-14.1	10	0.075	50	7.0	110
2ZB15	13.8-15.8	10	0.075	50	10	98
2ZB16	15.3-17.1	15	0.085	25	10	90
2ZB18	16.8-19.1	15	0.085	25	10	90
2ZB20	18.8-21.2	15	0.085	25	10	72
2ZB22	20.8-23.3	15	0.085	25	12	66
2ZB24	22.8-25.6	15	0.085	25	12	60
2ZB27	25.1-28.9	15	0.085	25	14	53
2ZB30	28-32	15	0.085	25	14	48
2ZB33	31-35	15	0.085	25	17	44
2ZB36	34-38	40	0.085	10	17	40
2ZB39	37-41	40	0.085	10	20	37
2ZB43	40-46	45	0.095	10	20	33
2ZB47	44-50	45	0.095	10	24	30
2ZB51	48-54	60	0.095	10	24	27
2ZB56	52-60	60	0.095	10	28	25
2ZB62	58-66	80	0.105	10	28	21
2ZB68	64-72	80	0.105	10	34	20
2ZB75	70-79	100	0.105	10	24	18
2ZB82	77-88	100	0.105	10	41	16
2ZB91	85-96	200	0.11	5	41	15
2ZB100	94-106	200	0.11	5	50	13
2ZB110	104-116	250	0.11	5	50	12
2ZB120	114-127	250	0.11	5	60	11
2ZB130	124-141	300	0.11	5	60	10
2ZB150	138-156	300	0.11	5	75	9
2ZB160	153-171	350	0.11	5	75	8.5
2ZB180	168-191	350	0.11	5	90	8.0
2ZB200	188-212	350	0.11	5	90	7.5

STANDARD VOLTAGE TOLERANCE IS ± 5% OTHER TOLERANCES AND NON-STANDARD ZENER VOLTAGES UPON REQUEST

(1) TESTED WITH PULSES.

PULSE TEST : TP = 50 ms; δ = 2%

