



BZX84C – SERIES

SURFACE MOUNT ZENER DIODES/SOT – 23

Ta = 25°C		Marking Code	Zener Voltage @ Izt		Max. Dyn. Imped. @ Izt	Test Current	Max. Dyn. Imped. @ Izk	Test Current	Temp Coeff. @ Izt	Rev. Current @ Vr	Test Voltage
Part No.	Cross-Reference		Vz (V)	Zzt (Ω)	Izt (mA)	Zzk (Ω)	Izk (mA)	avz (%/k)	Ir (μA)	Vr (V)	
			BZX84C2V7	MMBZ5223B	Z12	2.5 – 2.9	100		600		-0.065
BZX84C3	MMBZ5225B	Z13	2.8 – 3.2	95		600		-0.060	10.00	1.0	
BZX84C3V3	MMBZ5226B	Z14	3.1 – 3.5	95		600		-0.055	5.00	1.0	
BZX84C3V6	MMBZ5227B	Z15	3.4 – 3.8	90		600		-0.055	5.00	1.0	
BZX84C3V9	MMBZ5228B	Z16	3.7 – 4.1	90		600		-0.050	3.00	1.0	
BZX84C4V3	MMBZ5229B	Z17	4.0 – 4.6	90		600		-0.035	3.00	1.0	
BZX84C4V7	MMBZ5230B	Z1	4.4 – 5.0	80		500		-0.015	3.00	2.0	
BZX84C5V1	MMBZ5231B	Z2	4.8 – 5.4	60		480		+0.005	2.00	2.0	
BZX84C5V6	MMBZ5232B	Z3	5.2 – 6.0	40		400		+0.020	1.00	2.0	
BZX84C6V2	MMBZ5234B	Z4	5.8 – 6.6	10		150		+0.030	3.00	4.0	
BZX84C6V8	MMBZ5235B	Z5	6.4 – 7.2	15		80		+0.045	2.00	4.0	
BZX84C7V5	MMBZ5236B	Z6	7.0 – 7.9	15	5.0	80		+0.050	1.00	5.0	
BZX84C8V2	MMBZ5237B	Z7	7.7 – 8.7	15		80		+0.055	0.70	5.0	
BZX84C9V1	MMBZ5239B	Z8	8.5 – 9.6	15		100		+0.065	0.50	6.0	
BZX84C10	MMBZ5240B	Z9	9.4 – 10.6	20		150		+0.065	0.20	7.0	
BZX84C11	MMBZ5241B	Y1	10.4 – 11.6	20		150		+0.070	0.10	8.0	
BZX84C12	MMBZ5242B	Y2	11.4 – 12.7	25		150		+0.075	0.10	8.0	
BZX84C13	MMBZ5243B	Y3	12.4 – 14.1	30		170		+0.080	0.10	8.0	
BZX84C15	MMBZ5245B	Y4	13.8 – 15.6	30		200		+0.090	0.05	0.7	
BZX84C16	MMBZ5246B	Y5	15.3 – 17.1	40		200		+0.090	0.05	0.7	
BZX84C18	MMBZ5248B	Y6	16.8 – 19.1	45		225		+0.090	0.05	0.7	
BZX84C20	MMBZ5250B	Y7	18.8 – 21.2	55		225		+0.090	0.05	0.7	
BZX84C22	MMBZ5251B	Y8	20.8 – 23.3	55		250		+0.090	0.05	0.7	
BZX84C24	MMBZ5252B	Y9	22.8 – 25.6	70		250		+0.090	0.05	0.7	
BZX84C27	MMBZ5254B	Y10	25.1 – 28.9	80		300		+0.090			
BZX84C30	MMBZ5256B	Y11	28 – 32	80		300		+0.090			
BZX84C33	MMBZ5257B	Y12	31 – 35	80		325		+0.090			
BZX84C36	MMBZ5258B	Y13	34 – 38	90		350		+0.090	0.05	0.7	
BZX84C39	MMBZ5259B	Y14	37 – 41	130	2.0	350		+0.110			
BZX84C43	MMBZ5260B	Y15	40 – 46	150		375		+0.110			
BZX84C47	MMBZ5261B	Y16	44 – 50	170		375		+0.110			
BZX84C51	MMBZ5262B	Y17	48 – 54	180		400		+0.110			

Notes: 1. Operating and storage Temperature Range:

- 55°C to + 150°C

2. Package outline/SOT – 23 pin configuration – topview as figure.

