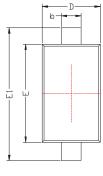
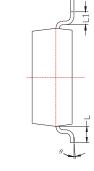
Device	Marking	Zener Voltage Range				Maximum Zener Impedance			Maximum Reverse Current		Typical Temperature		Test Current
		Vz@lzt			Izt	Zzt @Izt	Zzk @Izk	lzk	IR	VR	coeffic IZTC=		IZTC
		Nom(V)	Min(V)	Max(V)	mA	Ω.	2	mA	uA	V	Min	Max	mA
BZT52B15	2WJ	15	14.70	15.30	5	30	200	1.0	0.1	10.5	9.2	13.0	5
BZT52B16	2WK	16	15.68	16.32	5	40	200	1.0	0.1	11.2	10.4	14.0	5
BZT52B18	2WL	18	17.64	18.36	5	45	225	1.0	0.1	12.6	12.4	16.0	5
BZT52B20	2WM	20	19.60	20.40	5	55	225	1.0	0.1	14.0	14.4	18.0	5
BZT52B22	2WN	22	21.56	22.44	5	55	250	1.0	0.1	15.4	16.4	20.0	5
BZT52B24	2WO	24	23.52	24.48	5	70	250	1.0	0.1	16.8	18.4	22.0	5
BZT52B27	2WP	27	26.46	27.54	2	80	300	0.5	0.1	18.9	21.4	25.3	2
BZT52B30	2WQ	30	29.40	30.60	2	80	300	0.5	0.1	21.0	24.4	29.4	2
BZT52B33	2WR	33	32.34	33.66	2	80	325	0.5	0.1	23.1	27.4	33.4	2
BZT52B36	2WS	36	35.28	36.72	2	90	350	0.5	0.1	25.2	30.4	37.4	2
BZT52B39	2WT	39	38.22	39.78	2	130	350	0.5	0.1	27.3	33.4	41.2	2
BZT52B43	2WU	43	41.16	43.84	2	100	700	1.0	0.1	32.0	10.0	12.0	5

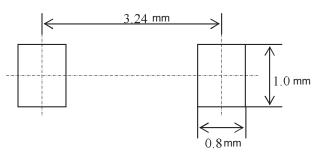
#### SOD-123 PACKAGE OUTLINEPlastic surface mounted package





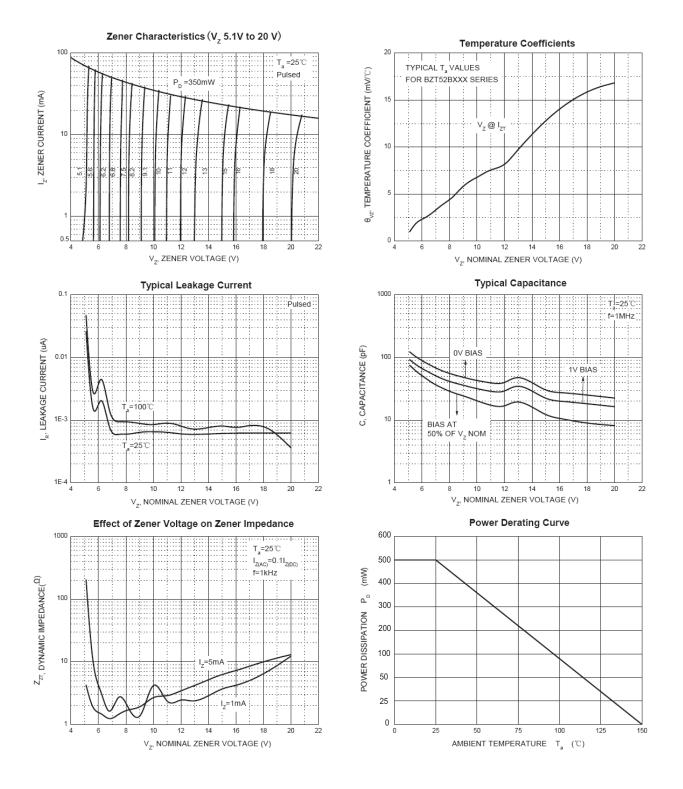
	DIMENSIONS					
SYMBOL	MIN.	MAX.				
А	1.050	1.250				
A1	0.000	0.100				
A2	1.050	1.150				
b	0.450	0.650				
C	0.080	0.150				
D	1.500	1.700				
E	2.600	2,800				
E1	3.550	3,850				
	0.500REF					
L1	0.250	0.450				
θ	0°	8°				

Precautions: PCB Design Recommended land dimensions for SOD-123 diode. Electrode patterns for PCBs





## RATING AND CHARACTERISTICS CURVES (BZT52BXXX SERIES)



CRECTRON

Downloaded from Arrow.com.

# PACKAGING OF DIODE

REEL PACK

PACKAGE	PACKING	REEL	COMPONENT	TAPE SPACE	REEL DIA	CARTON SIZE	EA PER	GROSS
	CODE	( EA )	SPACE(mm)	(mm)	(mm)	(mm)	CARTON	WEIGHT(Kg)
SOD-123	-T	3,000			178	438*438*220	180,000	9.00

### **DISCLAIMER NOTICE**

Rectron Inc reserves the right to make changes without notice to any product specification herein, to make corrections, modifications, enhancements or other changes. Rectron Inc or anyone on its behalf assumes no responsibility or liability for any errors or inaccuracies. Data sheet specifications and its information contained are intended to provide a product description only. "Typical" parameters which may be included on RECTRON data sheets and/ or specifications can and do vary in different applications and actual performance may vary over time. Rectron Inc does not assume any liability arising out of the application or use of any product or circuit.

Rectron products are not designed, intended or authorized for use in medical, life-saving implant or other applications intended for life-sustaining or other related applications where a failure or malfunction of component or circuitry may directly or indirectly cause injury or threaten a life without expressed written approval of Rectron Inc. Customers using or selling Rectron components for use in such applications do so at their own risk and shall agree to fully indemnify Rectron Inc and its subsidiaries harmless against all claims, damages and expenditures.

