

CONSTANT VOLTAGE REGULATION APPLICATION.
REFERENCE VOLTAGE APPLICATION.

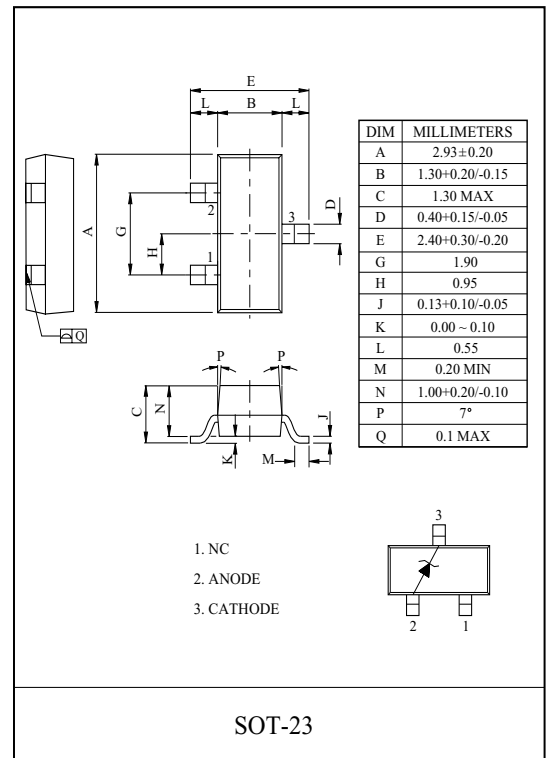
FEATURES

- Small Package : SOT-23
- Normal Voltage Tolerance About $\pm 2.5\%$.

MAXIMUM RATING (Ta=25°C)

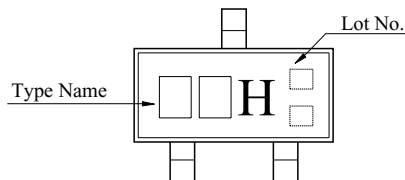
CHARACTERISTIC	SYMBOL	RATING	UNIT
Power Dissipation	P_D^*	300	mW
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55 ~ 150	°C

Note P_D^* : Package Mounted on 99.5% alumina $10 \times 8 \times 0.6\text{mm}$.



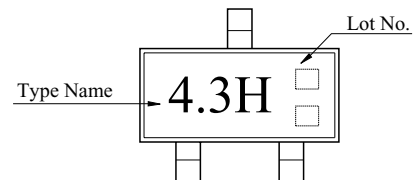
Marking

Example 1) 2.0V ~ 3.9V



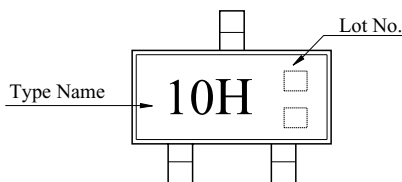
- TYPE NAME : BZX84C2V0 → 2AH
 BZX84C2V2 → 2BH
 BZX84C2V4 → 2CH
 BZX84C2V7 → 2DH
 BZX84C3V0 → 30H
 BZX84C3V3 → 33H
 BZX84C3V6 → 36H
 BZX84C3V9 → 39H

Example 2) 4.3V ~ 9.1V



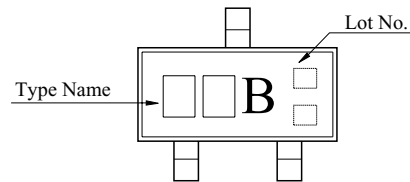
- TYPE NAME : BZX84C4V3 → 4.3H

Example 3) 10V ~ 24V



- TYPE NAME : BZX84C10 → 10H

Example 4) 27V ~ 36V



- TYPE NAME : BZX84C27 → 27B
 BZX84C30 → 30B
 BZX84C33 → 33B
 BZX84C36 → 36B

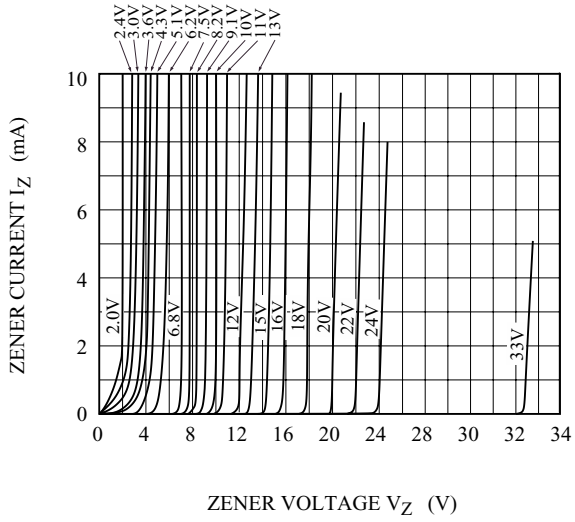
BZX84C2V~36V

ELECTRICAL CHARACTERISTICS (Ta=25°C)

TYPE No.	Zener Voltage Vz (V)			Dynamic Impedance Zz (Ω)		KNEE Dynamic Impedance Zzk (Ω)		Reverse Current IR (μA)	
	Min.	Max.	Iz (mA)	MAX.	Iz (mA)	MAX.	Iz (mA)	MAX.	VR(V)
BZX84C2V0	1.85	2.15	5	100	5	1000	0.5	120	1.0
BZX84C2V2	2.05	2.38	5	100	5	1000	0.5	120	1.0
BZX84C2V4	2.28	2.60	5	100	5	1000	0.5	120	1.0
BZX84C2V7	2.50	2.90	5	100	5	1000	0.5	120	1.0
BZX84C3V0	2.80	3.20	5	120	5	1000	0.5	50	1.0
BZX84C3V3	3.10	3.50	5	130	5	1000	0.5	20	1.0
BZX84C3V6	3.40	3.80	5	130	5	1000	0.5	10	1.0
BZX84C3V9	3.70	4.10	5	130	5	1000	0.5	10	1.0
BZX84C4V3	4.13	4.35	5	130	5	1000	0.5	5	1.0
BZX84C4V7	4.53	4.76	5	120	5	1000	0.5	5	1.0
BZX84C5V1	4.97	5.24	5	70	5	1000	0.5	1.	1.5
BZX84C5V6	5.43	5.81	5	40	5	900	0.5	1	2.5
BZX84C6V2	6.00	6.39	5	30	5	500	0.5	1	3.0
BZX84C6V8	6.60	7.02	5	25	5	150	0.5	0.5	5.0
BZX84C7V5	7.23	7.66	5	23	5	120	0.5	0.5	6.0
BZX84C8V2	7.96	8.43	5	20	5	120	0.5	0.5	6.5
BZX84C9V1	8.80	9.30	5	18	5	120	0.5	0.5	7.0
BZX84C10	9.73	10.26	5	15	5	120	0.5	0.5	8.0
BZX84C11	10.73	11.26	5	15	5	120	0.5	0.5	8.5
BZX84C12	11.73	12.26	5	15	5	110	0.5	0.5	9.0
BZX84C13	12.88	13.57	5	15	5	110.	0.5	0.5	10
BZX84C15	14.33	15.11	5	15	5	110.	0.5	0.5	11
BZX84C16	15.80	16.60	5	18	5	150	0.5	0.5	12
BZX84C18	17.46	18.43	5	20	5	150	0.5	0.5	14
BZX84C20	19.48	20.46	5	25	5	200	0.5	0.5	15
BZX84C22	21.48	22.56	5	30	5	200	0.5	0.5	17
BZX84C24	23.61	24.92	5	40	5	200	0.5	0.5	19
BZX84C27	26.19	27.53	2	150	2	150	0.5	0.1	21
BZX84C30	29.19	30.69	2	200	2	200	0.5	0.1	23
BZX84C33	32.15	33.79	2	250	2	250	0.5	0.1	25
BZX84C36	35.07	36.87	2	300	2	300	0.5	0.1	27

BZX84C2V~36V

$I_Z - V_Z$



$P_d - T_a$

