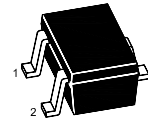
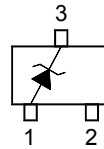


BZX84C...W Series

SILICON PLANAR ZENER DIODES



SOT-323 Plastic Package

1. Anode 3. Cathode

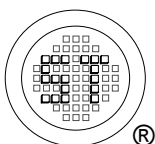
Absolute Maximum Ratings ($T_a = 25\text{ }^{\circ}\text{C}$)

Parameter	Symbol	Value	Unit
Power Dissipation	P_D	200	mW
Operating Junction and Storage Temperature Range	T_j, T_s	- 65 to + 150	$^{\circ}\text{C}$

Electrical Characteristics ($T_a = 25\text{ }^{\circ}\text{C}$ unless otherwise noted, $V_F < 0.9\text{ V}$ at $I_F = 10\text{ mA}$)

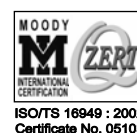
Type	Marking Code	Zener Voltage Range ¹⁾		Dynamic Resistance			Reverse Leakage Current	
		I_{ZT} mA	for V_{ZT} V	Z_{ZT} Max. (Ω)	Z_{ZK} Max. (Ω)	at I_{ZK} mA	I_R Max. (μA)	at V_R V
BZX84C2V4W	EA	5	2.2...2.6	100	600	1	50	1
BZX84C2V7W	EB	5	2.5...2.9	100	600	1	20	1
BZX84C3V0W	EC	5	2.8...3.2	95	600	1	20	1
BZX84C3V3W	ED	5	3.1...3.5	95	600	1	5	1
BZX84C3V6W	EE	5	3.4...3.8	90	600	1	5	1
BZX84C3V9W	EF	5	3.7...4.1	90	600	1	3	1
BZX84C4V3W	EH	5	4...4.6	90	600	1	3	1
BZX84C4V7W	EJ	5	4.4...5	80	600	1	3	2
BZX84C5V1W	EK	5	4.8...5.4	60	500	1	2	2
BZX84C5V6W	EM	5	5.2...6	40	480	1	1	2
BZX84C6V2W	EN	5	5.8...6.6	10	400	1	3	4
BZX84C6V8W	EP	5	6.4...7.2	15	150	1	2	4
BZX84C7V5W	ER	5	7...7.9	15	80	1	1	5
BZX84C8V2W	EX	5	7.7...8.7	15	80	1	0.7	5
BZX84C9V1W	EY	5	8.5...9.6	15	80	1	0.5	6
BZX84C10W	EZ	5	9.4...10.6	20	100	1	0.2	7
BZX84C11W	FA	5	10.4...11.6	20	150	1	0.1	8
BZX84C12W	FB	5	11.4...12.7	25	150	1	0.1	8
BZX84C13W	FC	5	12.4...14.1	30	150	1	0.1	8
BZX84C15W	FD	5	13.8...15.6	30	170	1	0.1	10.5
BZX84C16W	FE	5	15.3...17.1	40	200	1	0.1	11.2
BZX84C18W	FF	5	16.8...19.1	45	200	1	0.1	12.6
BZX84C20W	FH	5	18.8...21.2	55	225	1	0.1	14
BZX84C22W	FJ	5	20.8...23.3	55	225	1	0.1	15.4
BZX84C24W	FK	5	22.8...25.6	70	250	1	0.1	16.8
BZX84C27W	FM	2	25.1...28.9	80	250	0.5	0.1	18.9
BZX84C30W	FN	2	28...32	80	300	0.5	0.1	21
BZX84C33W	FP	2	31...35	80	300	0.5	0.1	23.1
BZX84C36W	FR	2	34...38	90	325	0.5	0.1	25.2
BZX84C39W	FX	2	37...41	130	350	0.5	0.1	27.3

¹⁾ Tested with pulses $t_p = 20\text{ ms}$.



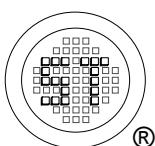
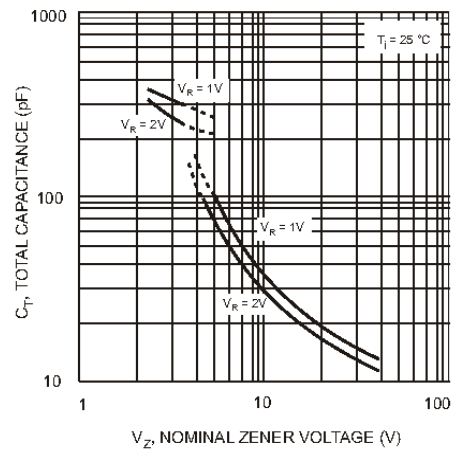
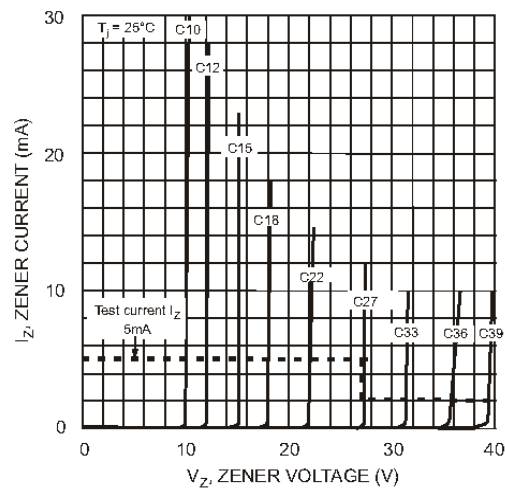
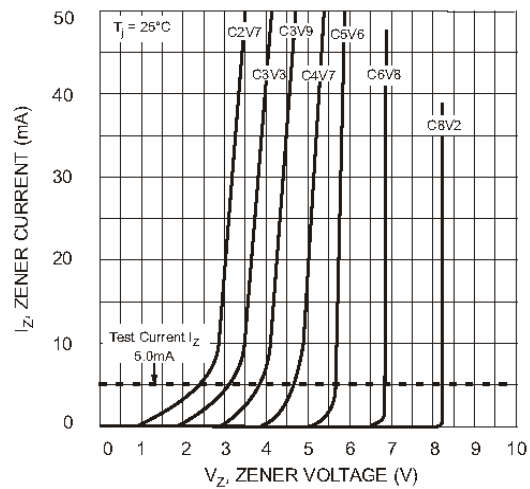
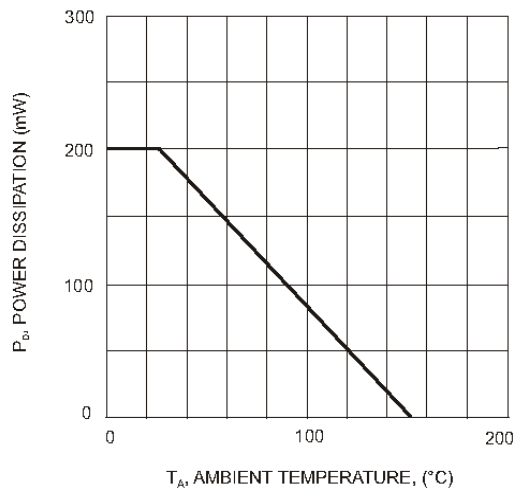
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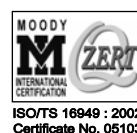
Dated : 06/04/2007

BZX84C...W Series



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