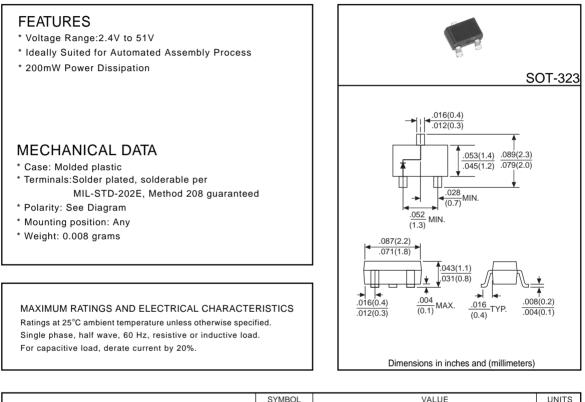
DC COMPONENTS CO., LTD.

RECTIFIER SPECIALISTS

BZX84C2V4W THRU BZX84C51W

TECHNICAL SPECIFICATIONS OF SURFACE MOUNT ZENER DIODES



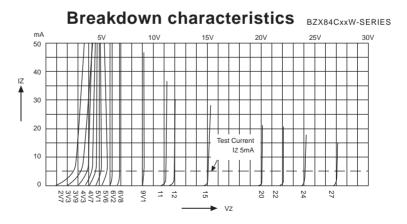
	SYMBOL	VALUE	UNITS
Zener Current see Table "Characteristics"			
Maximum Power Dissipation @TA=25°C	Ptot	200	mW
Maximum Forward Voltage @IF=10mA	VF	0.9	Volts
Typical Thermal Resistance	Reja	625	°C/W
Operating and Storage Temperature	TJ,Tstg	-55 to +150	°C

NOTE: Normal Tolerance ±5%

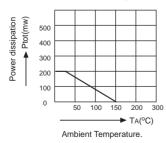
RATING AND CHARACTERISTIC CURV	ES (BZX84CxxW SERIES)
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ТҮРЕ	Nominal Zener Voltage		Zener Test Current I _{ZT}	Maximum Zener Impedance			Maximum Reverse Leakage Current	
	V _Z @	V _Z @ Ī _{ZT}		Z _{ZT} @ I _{ZT}	Z _{ZK} @ I _{ZK}	I _{ZK}	I _{R @} V _R	
	Min	Max	mA	Ohms	Ohms	mA	μA	Volts
BZX84C2V4W	2.2	2.6	5	100	600	1	50	1
BZX84C2V7W	2.5	2.9	5	100	600	1	20	1
BZX84C3V0W	2.5	3.2	5	95	600	1	10	1
BZX84C3V3W	3.1	3.5	5	95	600	1	5	1
BZX84C3V6W	3.4	3.8	5	90	600	1	5	1
BZX84C3V9W	3.7	4.1	5	90	600	1	3	1
BZX84C4V3W	4.0	4.6	5	90	600	1	3	1
BZX84C4V7W	4.4	5.0	5	80	500	1	3	2
BZX84C5V1W	4.8	5.4	5	60	480	1	2	2
BZX84C5V6W	5.2	6.0	5	40	400	1	1	2
BZX84C6V2W	5.8	6.6	5	10	150	1	3	4
BZX84C6V8W	6.4	7.2	5	15	80	1	2	4
BZX84C7V5W	7.0	7.9	5	15	80	1	1	5
BZX84C8V2W	7.7	8.7	5	15	80	1	0.7	5
BZX84C9V1W	8.5	9.6	5	15	100	1	0.5	6
BZX84C10W	9.4	10.6	5	20	150	1	0.2	7
BZX84C11W	10.4	11.6	5	20	150	1	0.1	8
BZX84C12W	11.4	12.7	5	25	150	1	0.1	8
BZX84C13W	12.4	14.1	5	30	170	1	0.1	8
BZX84C15W	13.8	15.6	5	30	200	1	0.1	10.5
BZX84C16W	15.3	17.1	5	40	200	1	0.1	11.2
BZX84C18W	16.8	19.1	5	45	225	1	0.1	12.6
BZX84C20W	18.8	21.2	5	55	225	1	0.1	14.0
BZX84C22W	20.8	23.3	5	55	250	1	0.1	15.4
BZX84C24W	22.8	25.6	5	70	250	1	0.1	16.8
BZX84C27W	25.1	28.9	2	80	300	0.5	0.1	18.9
BZX84C30W	28.0	32.0	2	80	300	0.5	0.1	21.0
BZX84C33W	31.0	35.0	2	80	325	0.5	0.1	23.1
BZX84C36W	34.0	38.0	2	90	350	0.5	0.1	25.2
BZX84C39W	37.0	41.0	2	130	350	0.5	0.1	27.3
BZX84C43W	40.0	46.0	2	150	375	0.5	0.1	30.1
BZX84C47W	44.0	50.0	2	170	375	0.5	0.1	32.9
BZX84C51W	48.0	54.0	2	180	400	0.5	0.1	35.7

NOTE: Standard Zener Voltage Tolerance ±5%



changes in the power dissipation due to the ambient temperature.



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