

Electrical Characteristics (T_A=25°C unless otherwise specified)

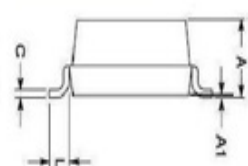
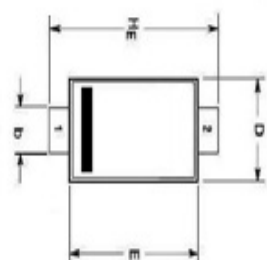
Type Number	Marking Code	Zener Voltage Range				Maximum Zener Impedance			Reverse Current		Temperature Coefficient of Zener Voltage @I _{ZT} =5mA mV/°C	
		V _Z @I _{ZT}			Z _{TI}	Z _{ZT} @I _{ZT}	Z _{ZK} @I _{ZK}	I _{ZK}	I _R	@V _R		
		Nom (V)	Min (V)	Max (V)	mA	Ω		mA	uA	V	Min	Max
BZT52C9V1S	WE	9.1	8.5	9.6	5	15	100	1	0.5	6	3.8	7
BZT52C10S	WF	10	9.4	10.6	5	20	150	1	0.2	7	4.5	8
BZT52C11S	WG	11	10.4	11.6	5	20	150	1	0.1	8	5.4	9
BZT52C12S	WH	12	11.4	12.7	5	25	150	1	0.1	8	6	10
BZT52C13S	WI	13	12.4	14.1	5	30	170	1	0.1	8	7	11
BZT52C15S	WJ	15	13.8	15.6	5	30	200	1	0.1	10.5	9.2	13
BZT52C16S	WK	16	15.3	17.1	5	40	200	1	0.1	11.2	10.4	14
BZT52C18S	WL	18	16.8	19.1	5	45	225	1	0.1	12.6	12.4	16
BZT52C20S	WM	20	18.8	21.2	5	55	225	1	0.1	14	14.4	18
BZT52C22S	WN	22	20.8	23.3	5	55	250	1	0.1	15.4	16.4	20
BZT52C24S	WO	24	22.8	25.6	5	70	250	1	0.1	16.8	18.4	22
BZT52C27S	WP	27	25.1	28.9	2	80	300	0.5	0.1	18.9	21.4	25.3
BZT52C30S	WQ	30	28	32	2	80	300	0.5	0.1	21	24.4	29.4
BZT52C33S	WR	33	31	35	2	80	325	0.5	0.1	23.1	27.4	33.4
BZT52C36S	WS	36	34	38	2	90	350	0.5	0.1	25.2	30.4	37.4
BZT52C39S	WT	39	37	41	2	130	350	0.5	0.1	27.3	33.4	41.2
BZT52C43S	WU	43	40.0	46.0	2	100	700	1.0	0.1	32.0	10.0	12.0
BZT52C47S	WV	47	44.0	50.0	2	100	750	1.0	0.1	35.0	10.0	12.0
BZT52C51S	WW	51	48.0	54.0	2	100	750	1.0	0.1	38.0	10.0	12.0

BZT52CxxxS Series

Surface Mount Zener Diodes

V_z Range: 2.4 to 51V Power Dissipation: 500mW

Product Dimensions



PIN: 1. CATHODE 2. ANODE

Unit: mm

	SOD-323	
	min	max
A	0.80	1.00
A1	0.00	0.10
b	0.25	0.40
C	0.089	0.177
D	1.15	1.35
E	1.60	1.80
H	2.30	2.70
L	0.20	0.40