

DO-35 Standard Zener Diodes (500 mW)

Electrical Characteristics (At Ta=25°C, Unless Otherwise Specified)

Type No.	V _{ZT} at I _{ZT}			r _{ZT} at I _{ZT}	I _{ZT}	r _{ZK} at I _{ZK}	I _{ZK}	Temp. Coeff. of Zener Voltage typ (%/°C)	I _R at V _R Ta 25°C max (μA)	V _R	I _{ZM}	P _D	V _F @ I _F	
	min	nom	max										max	
	(V)	(V)	(V)	(Ohm)	(mA)	(Ohm)	(mA)			(V)	(mA)	(W)	(V)	(mA)
BZX83C2V7	2.5	2.9		90	5	600	1	-0.07	100	1	135	0.5	1.5	200
BZX83C3V0	2.8	3.2		90	5	600	1	-0.07	60	1	125	0.5	1.5	200
BZX83C3V3	3.1	3.5		90	5	600	1	-0.06	30	1	115	0.5	1.5	200
BZX83C3V6	3.4	3.8		90	5	600	1	-0.06	20	1	105	0.5	1.5	200
BZX83C3V9	3.7	4.1		90	5	600	1	-0.05	10	1	95	0.5	1.5	200
BZX83C4V3	4	4.6		80	5	600	1	-0.03	5	1	90	0.5	1.5	200
BZX83C4V7	4.4	5		80	5	600	1	-0.01	2	1	85	0.5	1.5	200
BZX83C5V1	4.8	5.4		60	5	550	1	+0.01	1	1	75	0.5	1.5	200
BZX83C5V6	5.2	6		40	5	450	1	+0.03	1	1	70	0.5	1.5	200
BZX83C6V2	5.8	6.6		10	5	200	1	+0.04	1	2	64	0.5	1.5	200
BZX83C6V8	6.4	7.2		8	5	150	1	+0.05	1	3	58	0.5	1.5	200
BZX83C7V5	7	7.9		7	5	50	1	+0.05	1	3.5	53	0.5	1.5	200
BZX83C8V2	7.7	8.7		7	5	50	1	+0.06	1	4	47	0.5	1.5	200
BZX83C9V1	8.5	9.6		10	5	50	1	+0.06	1	5	43	0.5	1.5	200
BZX83C10	9.4	10.6		15	5	70	1	+0.07	1	6	40	0.5	1.5	200
BZX83C11	10.4	11.6		20	5	70	1	+0.07	1	8.2	36	0.5	1.5	200
BZX83C12	11.4	12.7		20	5	90	1	+0.07	1	9.1	32	0.5	1.5	200
BZX83C13	12.4	14.1		25	5	110	1	+0.07	1	10	29	0.5	1.5	200
BZX83C15	13.8	15.6		30	5	110	1	+0.08	1	11	27	0.5	1.5	200
BZX83C16	15.3	17.1		40	5	170	1	+0.08	1	12	24	0.5	1.5	200
BZX83C18	16.8	19.1		55	5	170	1	+0.08	1	13	21	0.5	1.5	200
BZX83C20	18.8	21.2		55	5	220	1	+0.08	1	15	20	0.5	1.5	200
BZX83C22	20.8	23.3		58	5	220	1	+0.08	1	16	18	0.5	1.5	200
BZX83C24	22.8	25.6		80	5	220	1	+0.08	1	18	16	0.5	1.5	200
BZX83C27	25.1	28.9		90	5	250	1	+0.09	1	20	14	0.5	1.5	200
BZX83C30	28	32		90	5	250	1	+0.09	1	22	13	0.5	1.5	200
BZX83C33	31	35		90	5	250	1	+0.09	1	24	12	0.5	1.5	200
BZX83C36	34	38		90	5	250	1	+0.09	1	27	11	0.5	1.5	200