

DO-41 Zener Diodes (1.3 W)

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}	I _{ZSM}	P _D	V _F @ I _F
	min	nom	max											
	(V)			max (Ohm)	(mA)	max (Ohm)	(mA)			(V)	(mA)	(mA)	(W)	max (V)
BZX85C2V7	2.5	2.9		20	80	400	1	-0.07	150	1	370	2874	1.3	1 200
BZX85C3V0	2.8	3.2		20	80	400	1	-0.07	100	1	340	2604	1.3	1 200
BZX85C3V3	3.1	3.5		20	80	400	1	-0.06	40	1	320	2381	1.3	1 200
BZX85C3V6	3.4	3.8		20	70	500	1	-0.06	20	1	290	2193	1.3	1 200
BZX85C3V9	3.7	4.1		15	60	500	1	-0.05	10	1	280	2033	1.3	1 200
BZX85C4V3	4	4.6		13	50	500	1	-0.03	3	1	250	1812	1.3	1 200
BZX85C4V7	4.4	5		13	45	500	1	-0.01	3	1	215	1667	1.3	1 200
BZX85C5V1	4.8	5.4		10	45	500	1	+0.01	1	1.5	200	1543	1.3	1 200
BZX85C5V6	5.2	6		7	45	400	1	+0.03	1	2	190	1389	1.3	1 200
BZX85C6V2	5.8	6.6		4	35	300	1	+0.04	1	3	170	1263	1.3	1 200
BZX85C6V8	6.4	7.2		3.5	35	300	1	+0.05	1	4	155	1157	1.3	1 200
BZX85C7V5	7	7.9		3	35	200	0.5	+0.05	1	4.5	140	1055	1.3	1 200
BZX85C8V2	7.7	8.7		5	25	200	0.5	+0.06	1	6.2	130	958	1.3	1 200
BZX85C9V1	8.5	9.6		5	25	200	0.5	+0.06	1	6.8	120	868	1.3	1 200
BZX85C10	9.4	10.6		7.5	25	200	0.5	+0.07	0.5	7	105	786	1.3	1 200
BZX85C11	10.4	11.6		8	20	300	0.5	+0.07	0.5	8.2	97	718	1.3	1 200
BZX85C12	11.4	12.7		9	20	350	0.5	+0.07	0.5	9.1	88	656	1.3	1 200
BZX85C13	12.4	14.1		10	20	400	0.5	+0.07	0.5	10	79	591	1.3	1 200
BZX85C15	13.8	15.6		15	15	500	0.5	+0.08	0.5	11	71	534	1.3	1 200
BZX85C16	15.3	17.1		15	15	500	0.5	+0.08	0.5	12	66	487	1.3	1 200
BZX85C18	16.8	19.1		20	15	500	0.5	+0.08	0.5	13	62	436	1.3	1 200
BZX85C20	18.8	21.2		24	10	600	0.5	+0.08	0.5	15	56	393	1.3	1 200
BZX85C22	20.8	23.3		25	10	600	0.5	+0.08	0.5	16	52	358	1.3	1 200
BZX85C24	22.8	25.6		25	10	600	0.5	+0.08	0.5	18	47	326	1.3	1 200
BZX85C27	25.1	28.9		30	8	750	0.25	+0.09	0.5	20	41	288	1.3	1 200
BZX85C30	28	32		30	8	1000	0.25	+0.09	0.5	22	36	260	1.3	1 200
BZX85C33	31	35		35	8	1000	0.25	+0.09	0.5	24	33	238	1.3	1 200
BZX85C36	34	38		40	8	1000	0.25	+0.09	0.5	27	30	219	1.3	1 200
BZX85C39	37	41		50	6	1000	0.25	+0.09	0.5	30	28	203	1.3	1 200
BZX85C43	40	46		50	6	1000	0.25	+0.09	0.5	33	26	181	1.3	1 200
BZX85C47	44	50		90	4	1500	0.25	+0.09	0.5	36	23	167	1.3	1 200