

2. SILICON REFERENCE DIODES

IN ORDER OF (1) REF. VOLTAGE,
(2) DISSIPATION, and (3) TYPE No.

LINE No.	TYPE No.	TOLERANCE 1			NOM. REF. VOLT. (V)	MAX. DISS. @ 25°C (W)	TEST CUR. Izt (A)	MAX. DYN. IMP. (Ω)	TEMP. COEFF Tc (°C)	MAX. TEMP (°C)	DWG. No.	LINE No.	TYPE No.	TOLERANCE 1			NOM. REF. VOLT. (V)	MAX. DISS. @ 25°C (W)	TEST CUR. Izt (A)	MAX. DYN. IMP. (Ω)	TEMP. COEFF Tc (°C)	MAX. TEMP (°C)	DWG. No.
		20	10	±										2	20	10							
1#	O2Z20A	8			20	250m	3.5m	120	9.3	175J	D035	108	1N5570B	5		20	1.0	12m	22		200A	A196d	
2#	BZ59C20	5			20	250m	5.0m	85	8.5	150A	D07	109	1R20,A,B	xxx		20	1.0	13m	22	7.5	175A	A52c	
3#	BZY83C20		5		20	25	5.0m	150	10 Δ	150J	C1g	110#	1S235	10		20	1.0	17m	20	8.0	150J	A56a	
4#	BZY85C20		5		20	25	5.0m	55	10 Δ	150J	A171f	111#	1Z20	10		20	1.0	10m	30	8.0	150J	DO15	
5#	SZ20		5		20	25	5.0m	165	.81	150J	C1f	112	1Z520,A	xx		20	1.0	12m	22		200A	DO41	
6#	MC6021A	xx			20	30	5.0m	47		175	A2m	113#	AW01-20	6		20	1.0	15m	15	7.8	150J	A333	
7#	Z1A20	11			20	300m	5.0m	65	9.0 Δ	150S	C29	114#	BZX85C20	5		20	1.0	10m	24	9.0 Δ	150A	DO41	
8#	Z1B20	51			20	300m	5.0m	65	9.0 Δ	150S	C29	115#	C4C20φ	10†		20	1.0	25m	18	8.5	200J	DO29	
9#	C5D5250	10			20	320m	6.2m			150S	M927	116	CH474	5		20	1.0	12m	22	7.5	200J	u10	
10#	BZX82C20	5			20	350m	5.0m	55	11 Δ	175J	M470	117	C220,A,B,D	xxxx		20	1.0	20m	26	7.5	175	DO15	
11	4M20Z,5	x x			20	400m	6.2m	25		175J	DO7φ	118	CZ20C	10		20	1.0	20m	26	7.5	175	DO15	
12	1N968	10			20	400m	6.2m	25		175S	A398a	119	HEPZ0421-RT			20	1.0					DO41	
13	1N968A	10			20	400m	6.2m	25		175S	A398a					20	1.0	12m	22	∅		DO41	
14	1N968B	5			20	400m	6.2m	25		175S	A398a					20	1.0						
15	JAN1N968B	5			20	40	6.2m	25	8.6	175A	DO7	120	LPM20,A,-20	10		20	1.0	12m	22		150A	A1kk	
16	JAN1N968B-1				20	400m	6.2m	25		175A	A1sk	121#	MZ420,A,B	5	xx*	20	1.0	10m	22		175J	DO41	
17	1N968B-F	5			20	400m	6.2m	25		200J	DO35	122#	PL20	5		20	1.0	25m	15	8.0	150J		
18	1N3525	5			20	40	5.0m	20	9.8	200A	DO7	123#	RD20FB	6		20	1.0	20m	14		175J	A297c	
19	JAN1N4114	5			20	400	250u	150	9.0	175A	DO14	124#	UD78720φ	5		20	1.0	12m	23		175A	A356	
20	1N5540	20			20	400m	1.0m			175A	DO7	125	UD78820φ	10		20	1.0	12m	23		175A	A356	
21	1N5540A	10			20	400m	1.0m			175A	DO7	126	UZ8720	5		20	1.0	12m	22	8.0	175	A146h	
22	1N5540B	5			20	400m	1.0m			175A	DO7	127	UZ8820	10		20	1.0	12m	22	8.0	175	A146h	
23	JAN1N5540B	5			20	400m	1.0m	100	8.6	200A	DO14	128	VR20,A,B	xxx		20	1.0	12m	22		125A	A1b	
24	1N5540C	2			20	400m	1.0m	100		175A	DO7	129#	ZA20	11		20	1.0	25m	18	8.5	200J	DO29	
25	1N5540D	1			20	400m	1.0m	100		175A	DO7	130#	Z4B20	5†		20	1.0	25m	18	8.5	200J	DO29	
26	1N5743B	5			20	400m	5.0m	55	8.5	200A	DO35	131	Z20.0	xxxx		20	1.0	20m	5.3 ∅		150A	DO41	
27	1N5743C	2			20	400m	5.0m	55	8.5	200A	DO35	132	ZA20,A,B	xxx		20	1.0	13m	22		150C	A1bc	
28	1N5743D	1			20	400m	5.0m	55	8.5	200A	DO35	133	ZB20#	†		20	1.0	12m	22		150A	A1bc	
29#	BZX64C20	5			20	400m	5.0m	85	8.5	150A	C29e	134	ZB20A	10		20	1.0	12m	22		100C	A1bc	
30#	BZX79B20	2			20	400m	5.0m	55	8.5	200J	DO35	135	ZB20B	5		20	1.0	12m	22		100C	A1bc	
31	BZX79C20	5			20	400m	5.0m	55	8.5	200J	A277a	136	ZD20,A,B	xxx		20	1.0	13m	20	7.5	175A	A1cm	
32#	BZX95C20	6			20	400m	5.0m	55		175J	DO35	137	ZH20,A,B	xxx		20	1.0	13m	22	7.5	175A	DO1	
33#	BZX96C20	5			20	400m	5.0m	55	8.0	150J	DO7	138	1N4839	20		20	1.2	13m	22	8.6	175	DO29	
34	CH968	5			20	400m	6.2m	25	8.6	200J	u10	139	1N4839A	10		20	1.2	13m	22	8.6	175	DO29	
35	CH4114	5			20	400m	250u	150	9.0	200J	u10	140	1N4839B	5		20	1.2	13m	22	8.6	175	DO29	
36	CH5250	5			20	400m	6.2m	25	8.6	200J	u10	141	BZD10C20	6		20	1.3	25m	15	11 Δ		DO13	
37#	MA1200	5			20	400m	5.0m	55	14	200J	A24d	142	BZW22C20	6		20	1.3	25m	12	11 Δ		DO41	
38	MZC20A10	†			20	400m	2.5m	65	8.6	175J	u5	143#	BZX61C20	5		20	1.3	10m	22	6.0	175J	DO15	
39	MZC20B10	†			20	400m	2.5m	150		175J	u5	144#	BZX87C20	5		20	1.3	10m	15	8.0	200J	A196m	
40#	MZL320	5			20	400m	500u	100	8.8	175J	DO35	145#	BZY97C20	5		20	1.3	25m	15	11 Δ		A1rx	
41#	Z5A20	11			20	400m	5.0m	65	9.0 Δ	200J	DO7	146#	ZD20#	5		20	1.3	25	15	7.0	150J	DO13	
42#	Z5B20	5†			20	400m	5.0m	65	9.0 Δ	200J	DO7	147#	ZPY20	12		20	1.3	25m	12	11 Δ		DO41	
43#	ZF20	5			20	400m	5.0m	55	9.0	150J	DO7	148#	ZY20	5		20	1.3	25m	15	9.0 Δ	150J	A1bg	
44	5M20ZS10.5				20	400m	5.0m	55	9.0	150J	DO7	149	1N3763	5		20	1.5	10m	35	1.0	200A	A1ss	
45	1N5250	xx			20	500m	6.2m	25	8.6	200J	E204a∅	150	1N3796	20		20	1.5	19m	15	8.6	175S	C14Z	
46	1N5250A	20†			20	50	6.2m	25		200A	A398a	151	1N3796A	10		20	1.5	19m	15	8.6	175S	C14Z	
47	1N5250B	5			20	500m	6.2m	25	8.6	200A	A398a	152	1N3796B	5		20	1.5	19m	15	8.6	175S	C14Z	
48	1N5866A	10			20	500m	6.2m	57		150C	M859	153	1N3950	5		20	1.5	19m	15	7.9	175S	C12	
49	1N5866B	5			20	500m	6.2m	57		150C	M859	154	1N4472	5		20	1.5	13m	12		175A	A196	
50	1N6007	20			20	500m	5.0m	62		200J	DO35	155	JAN1N4472	10		20	1.5	12m	12	8.6	175A	A1v	
51	1N6007A	10			20	500m	5.0m	62		200J	DO35	156	1N5932	20		20	1.5	18m	14		200J	DO41	
52	1N6007B	5			20	500m	5.0m	48		200J	DO35	157	1N5932A	10		20	1.5	18m	14		200J	DO41	
53	1N6007C	2			20	500m	5.0m	48		200J	DO35	158	1N5932B	5		20	1.5	18m	14		200J	DO41	
54	1N6007D	1			20	500m	5.0m	48		200J	DO35	159	1.5M20Z	20		20	1.5	19m	15		175J	C12	
55#	O5Z20	8.0			20	500m	5.0m	50	9.4	175J	DO35	160	1.5R20,A,B	xxx		20	1.5	19m	20	7.5	175A	A52c	
56#	BZX46C20	5			20	500m	6.2m	25	11 Δ	175A	DO35	161#	BZY95C20	5		20	1.5	20m	12	7.0	175J	DO1	
57#	BZX55C20	5			20	500m	5.0m	55	8.0	175A	DO35	162	MC6321A	xx		20	1.5	51m	42			A1g	
58#	BZX55C22	5			20	500m	5.0m	55	8.5	175A	DO35	163#	VZ200AF	1		20	1.5	10m	37	11	150A	DO3	
59#	BZX55C24	5			20	500m	5.0m	80	8.5	175A	DO35	164#	VZ200BF	2		20	1.5	10m	37	11	150A	DO3	
60#	BZX55C27	5			20	500m	5.0m	80	8.5	175A	DO35	165#	VZ200F	5		20	1.5	10m	37	11	150A	DO3	
61#	BZX55C30	5			20	500m	5.0m	80	9.0	175A	DO35	166	2E220D5	5		20	2.0	25m	11		200J	A1ay	
62#	BZX55C33	5			20	500m	5.0m	80	9.0	175A	DO35	167	2E220D10	10		20	2.0	25m	11		200J	A1ay	
63#	BZX83C20	5			20	500m	5.0m	55	8.0	175A	DO35	168	2E220D	20		20	2.0	25m	11		200J	A1ay	
64	BZX97C20	6			20	500m	5.0m	55	8.0	175J	DO35	169	2R20,A,B	xxx		20	2.0	25m	20	7.5	175A	DO27	
65	HEPZ0230-RT				20	500m	5.0m	55	8.0	175A	DO35	170	2VR20,A,B	xxx		20	2.0	25m	20			A3e	
66#	HZ5250	10			20	500m	6.2	57		C132		171#	BZY47C20	5		20	2.0	25m	15	7.5	175J	A344r	
67	MT2821A	xx			20	50	5.0m	47		175A	A60e	172	LM220	10		20	2.0	25m	11	8.6	150A	DO41	
68#	MZ320,A,B	5			20	500m	5.0m	35	8.0	175J	DO35	173	LM220A	5		20	2.0	25m	11	8.6	150A	DO41	