

查询JAN1N6331供应商

捷多邦, 专业PCB打样工厂, 24小时

加急出 **1N6309**
thru
1N6355

Microsemi Corp.
The diode experts



SANTA ANA, CA

For more information call:
(714) 979-8220

FEATURES

- VOIDLESS HERMETICALLY SEALED GLASS PACKAGE
- MICROMINIATURE PACKAGE
- TRIPLE LAYER PASSIVATION
- METALLURGICALLY BONDED (ABOVE 6.2 VOLTS)
- JANS/TX/TXV TYPES AVAILABLE PER MIL-S-19500/533 for 1N6309 to 1N6336
- JANS TYPES AVAILABLE PER MIL-S-19500/533 for 1N6320-1N6336

500 mW Glass
Zener Diodes

MAXIMUM RATINGS

Operating Temperature: -65°C to +200°C

Storage Temperature: -65°C to +200°C

ELECTRICAL CHARACTERISTICS

TYPE	V _{Z2} NOM. ±5% @ I _{Z2}	V _{Z1} MIN. @ I _{Z1}	I _{Z2} TEST CURRENT	Z _Z @ I _{Z2}	Z _{ZK} @ 250 μA	I _{ZM}	V _Z (reg) Δ V _Z	I _{ZSM} SURGE	V _R	I _{R1} @ 25°C	I _{R2} @ T _A = 150°C	N _D @ 250 μA 1.3 kHz	αV _Z	C @ 0V
	VOLTS	VOLTS	mA	OHMS	OHMS	mA	VOLTS	AMPS	VOLTS	μA	μA	μA/V/Hz	%/°C	pF
1N6309	2.4	1.1	20	30	1200	177	1.6	2.5	1.0	100	200	1.0	-085	2000
1N6310	2.7	1.2	20	30	1300	157	1.6	2.2	1.0	60	150	1.0	-080	1900
1N6311	3.0	1.3	20	29	1400	141	1.6	2.0	1.0	30	100	1.0	-075	1800
1N6312	3.3	1.5	20	24	1400	128	1.6	1.8	1.0	5.0	20	1.0	-065	1650
1N6313	3.6	1.8	20	22	1400	109	1.6	1.65	1.0	3.0	12	1.0	-055	1600
1N6314	3.9	2.0	20	20	1700	118	1.6	1.5	1.0	2.0	12	1.0	-043	1400
1N6315	4.3	2.4	20	18	1400	99	0.9	1.4	1.0	2.0	12	1.0	-030	1350
1N6316	4.7	2.8	20	16	1500	90	0.5	1.27	1.5	5.0	12	1.0	+030	1300
1N6317	5.1	3.3	20	14	1300	83	0.4	1.17	2.0	5.0	12	1.0	-028	1200
1N6318	5.6	4.3	20	8.0	1300	76	0.4	1.10	2.5	5.0	10	2.0	+045	1200
1N6319	6.2	5.2	20	3.0	800	68	0.3	0.97	3.5	5.0	10	5.0	+060	1050
1N6320	6.8	6.0	20	3.0	400	63	0.35	1.23	4.0	2.0	10	5.0	062	1000
1N6321	7.5	6.6	20	4.0	400	57	0.4	1.16	5.0	2.0	10	5.0	068	900
1N6322	8.2	7.5	20	5.0	400	52	0.4	1.07	6.0	1.0	10	2.0	075	800
1N6323	9.1	8.4	20	6.0	500	47	0.5	0.97	7.0	1.0	10	4.0	076	700
1N6324	10	9.1	20	6.0	500	43	0.5	.89	8.0	1.0	10	8.0	079	600
1N6325	11	10	20	7.0	550	39	0.5	.83	8.5	1.0	10	100	082	500
1N6326	12	11	20	7.0	550	35	0.55	.77	9.0	1.0	10	100	083	450
1N6327	13	11.9	9.5	8.0	550	33	0.55	0.71	9.9	.05	10	100	079	400
1N6328	15	13.8	8.5	10	600	28	.70	.62	11	.05	10	100	082	350
1N6329	16	14.7	7.8	12	600	27	.75	.58	12	.05	10	100	083	325
1N6330	18	16.6	7.0	14	600	24	.85	.52	14	.05	10	100	085	300
1N6331	20	18.5	6.2	18	500	21	.95	.47	15	.05	10	100	086	275
1N6332	22	20.4	5.6	20	500	19	1.05	.43	17	.05	10	100	087	260
1N6333	24	22.3	5.2	24	500	18	1.15	.39	18	.05	10	100	088	240
1N6334	27	25.2	4.6	27	500	16	1.30	.35	21	.05	10	100	+090	220
1N6335	30	28	4.2	32	500	14	1.45	.31	23	.05	10	100	091	200
1N6336	33	30.9	3.8	40	600	13	1.60	.28	25	.05	10	100	092	185
1N6337	36	33.7	3.4	50	600	12	1.75	.26	27	.05	10	100	093	175
1N6338	39	36.6	3.2	55	700	11	1.90	.24	30	.05	10	100	094	170
1N6339	43	40.4	3.0	65	800	9.9	2.10	.22	33	.05	10	80	095	165
1N6340	47	44.2	2.7	75	900	9.0	2.25	.20	36	.05	10	80	095	155
1N6341	51	48	2.5	85	1000	8.3	2.50	.18	39	.05	10	80	096	145
1N6342	56	52.7	2.2	100	1200	7.6	2.70	.17	43	.05	10	80	097	138
1N6343	62	58.4	2.0	125	1300	6.8	2.90	.15	47	.05	10	80	097	130
1N6344	68	64.1	1.8	155	1500	6.3	3.20	.13	52	.05	10	80	098	120
1N6345	75	70.8	1.7	180	1600	5.7	3.40	.125	56	.05	10	80	098	110
1N6346	82	77.4	1.5	220	1800	5.2	3.80	.115	62	.05	10	80	099	105
1N6347	91	86	1.4	270	2100	4.7	4.20	.100	69	.05	10	80	099	100
1N6348	100	94.5	1.3	340	2400	4.3	4.40	.095	76	.05	10	80	110	95
1N6349	110	104	1.1	500	2800	3.9	4.80	.085	84	.05	10	80	110	90
1N6350	120	113	1.0	600	3200	3.5	5.20	.080	91	.05	10	80	110	70
1N6351	130	122	0.95	850	4100	3.3	5.60	.070	99	.05	10	80	110	70
1N6352	150	141	.85	1000	4500	2.8	7.00	.065	114	.05	10	80	110	65
1N6353	160	151	.80	1200	5000	2.7	7.50	.060	122	.05	10	80	110	65
1N6354	170	160	.68	1500	5600	2.4	9.00	.050	137	.05	10	80	110	60
1N6355	200	189	.65	1800	6500	2.1	12.0	.045	152	.05	10	80	110	55

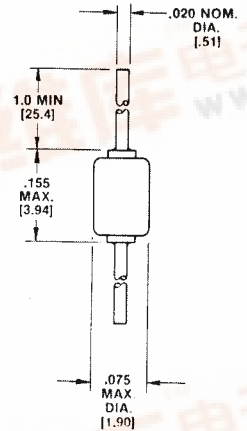


FIGURE 1
Package C

MECHANICAL CHARACTERISTICS

CASE: Hermetically sealed hard glass.

LEAD MATERIAL: Copper clad steel.

MARKING: Body painted, alpha numeric.

POLARITY: Cathode band.



1N6309 thru 1N6355

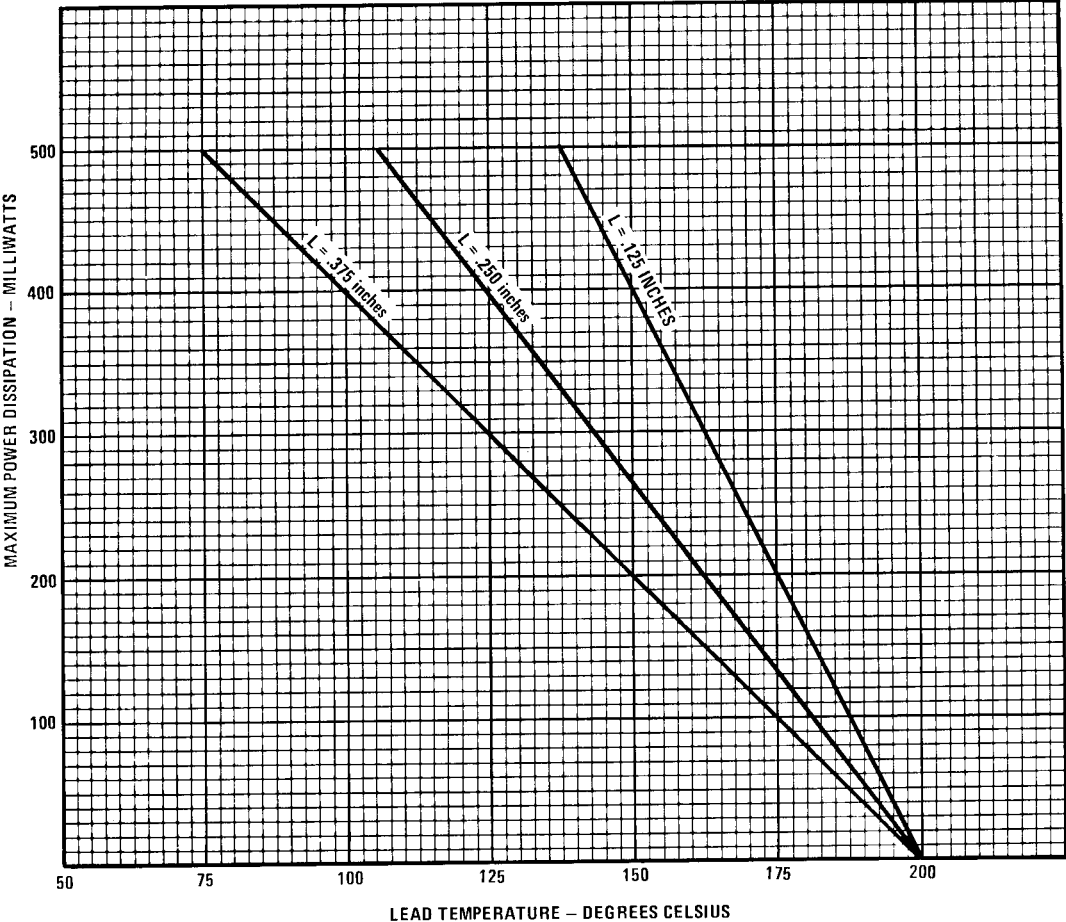


FIGURE 2. MAXIMUM POWER VS. LEAD TEMPERATURE