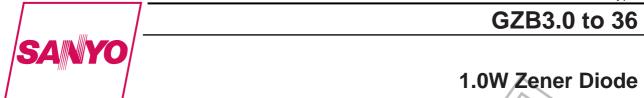
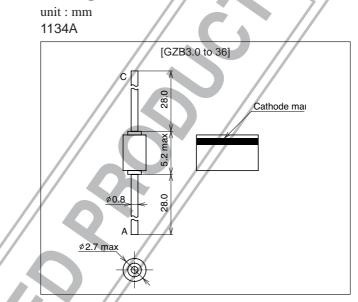
Silicon Planar Type



#### **Features**

- · Glass sleeve structure.
- Voltage regulator, surge absorber applications.
- Power dissipation : P=1.0W.
- Zener voltage : VZ=3.0 to 36V.
- Small-sized package : JEDEC DO-41.

## **Package Dimensions**



# **Specifications**

### Absolute Maximum Ratings at Ta=25°C

Symbol	Conditions	Ratings	Unit
Р		1	W
IZM		*	mA
T		175	°C
Tstg		-55 to +175	°C
	P Izm Tj	P Izm Ti	P 1 12M * TI 175

\*Electrical characteristics (referential next page

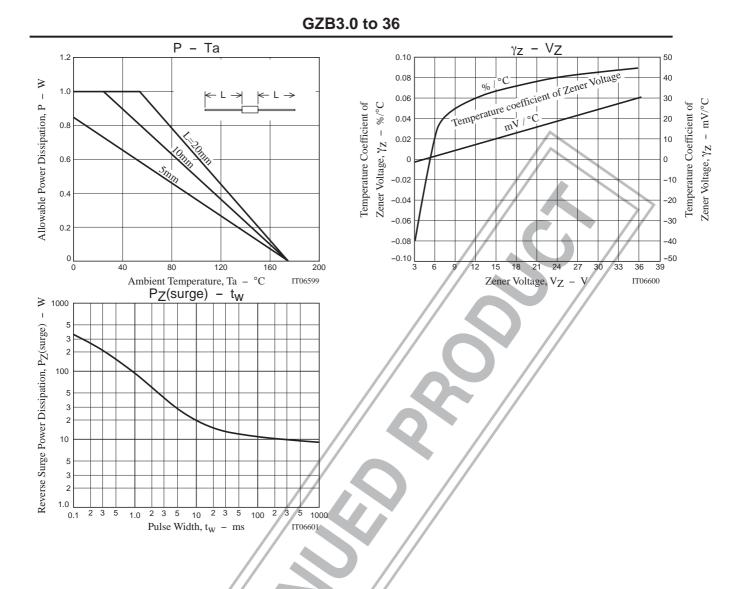
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### Electrical Characteristics at Ta=25°C

		Zener Characteristics							Reverse Current		Allowable
Type No.	Zener Voltage, Vz [V] (t=30ms)			Dynamic Resistance γd [Ω]		Temperature Coefficient γz	Measured Current	IR	Measured Voltage	maximum zener current	
	E	ВС		2	(f=1kHz)		(%/°C)		VR		IZM
	min	max	min	max	typ	max	typ	mA	μΑ	V	mA
GZB3.0	2.8	3.2	3.0	3.4	9	15	-0.08	40	100	1	294
GZB3.3	3.1	3.5	3.3	3.7	9	15	-0.07	40	80	1	270
GZB3.6	3.4	3.8	3.6	4.0	9	15	-0.06	40	60	1	250
GZB3.9	3.7	4.1	3.9	4.4	9	15	-0.06	40	40	1	227
GZB4.3	4.0	4.5	4.3	4.8	9	15	-0.05	40	20	1	208
GZB4.7	4.4	4.9	4.7	5.2	7	10	-0.05	40	20	1	192
GZB5.1	4.8	5.4	5.1	5.7	5	8	-0.03	40	20	1	175
GZB5.6	5.3	6.0	5.6	6.3	5	8	0.02	40	20	1.5	158
GZB6.2	5.8	6.6	6.2	7.0	3	6	0.03	40	20	3	142
GZB6.8	6.4	7.2	6.8	7.7	3	6	0.04	40	20	3.5	129
GZB7.5	7.0	7.9	7.5	8.4	2	4	0.04	40	20	4	119
GZB8.2	7.7	8.7	8.2	9.3	2	4	0.05	40	20	5	107
GZB9.1	8.5	9.6	9.1	10.2	3	6	0.05	40	20	6	98
GZB10	9.4	10.6	10.0	11.2	3	6	0.05	40	10	7	89
GZB11	10.4	11.6	11.0	12.3	5	8	0.06	20	10	8	81
GZB12	11.4	12.6	12.0	13.5	5	8	0.06	20	10	9	74
GZB13	12.4	14.1	13.3	15.0	7	10	0.06	20	10	10	66
GZB15	13.8	15.6	14.7	16.5	1	10	0.07	20	10	11	60
GZB16	15.3	17.1	16.2	18.3	8	12	0.07	20	10	12	54
GZB18	16.8	19.1	18.0	20.3	8	12	0.07	20	10	13	49
GZB20	18.8	21.2	20.0	22.4	9	14	0.07	20	10	15	44
GZB22	20.8	23.3	22.0	24.5	9	14	0.08	10	10	17	40
GZB24	22.8	25.6	24.0	27.6	9	16	0.08	10	10	19	36
GZB27	25.1	28.9	27.0	30.8	9	16	0.08	10	10	21	32
GZB30	28.0	32.0	30.0	34.0	10	18	0.08	10	10	23	29
GZB33	31.0	35.0	33.0	37.0	10	18	0.09	10	10	25	27
GZB36	34.0	38.0	36.0	40.0	12	20	0.09	10	10	27	25



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