



DZB6.2 to DZB30

Silicon Diffused Junction Type

1.0W Zener Diodes

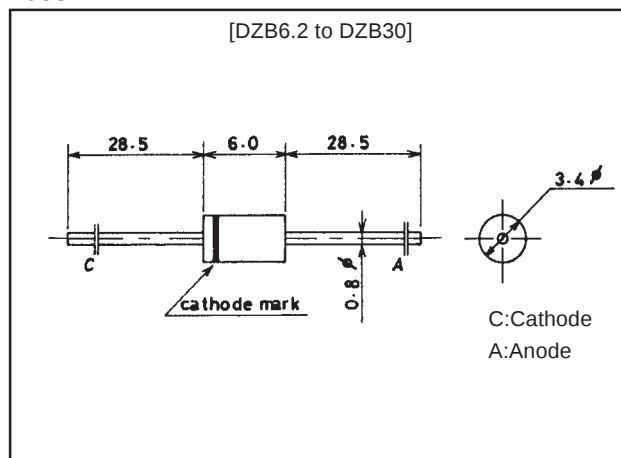
Features

- Plastic molded structure.
- Voltage regulator use.
- Power dissipation: $P=1.0W$.
- Zener voltage: $V_Z=6.2$ to $30V$

Package Dimensions

unit:mm

1083



Specifications

Absolute Maximum Ratings at $T_a = 25^\circ C$

Parameter	Symbol	Conditions	Ratings	Unit
Power Dissipation	P		1.0	W
Junction Temperature	T_j		150	$^\circ C$
Storage Temperature	T_{stg}		-40 to +150	$^\circ C$

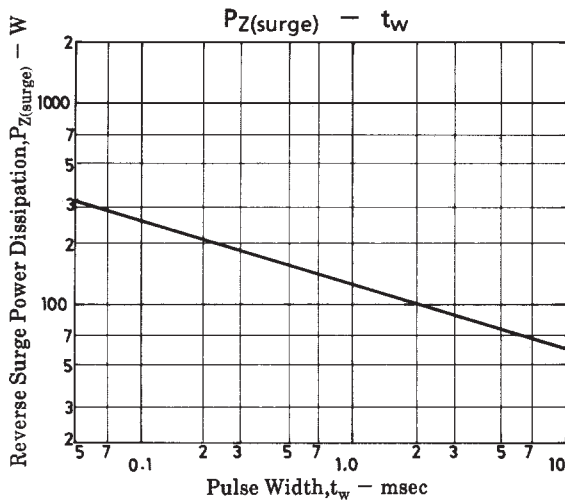
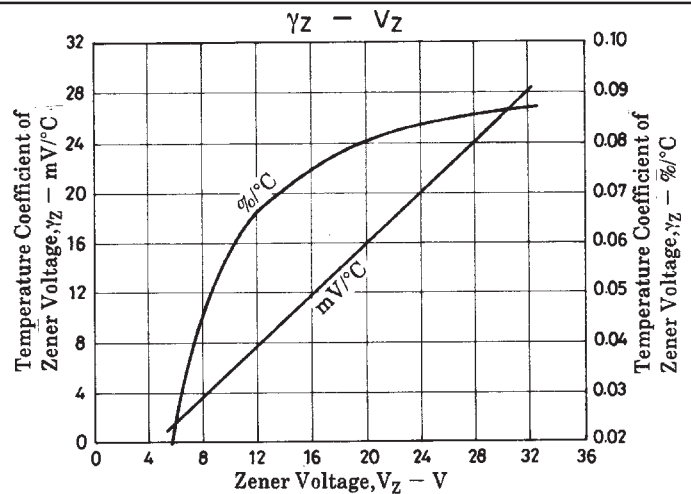
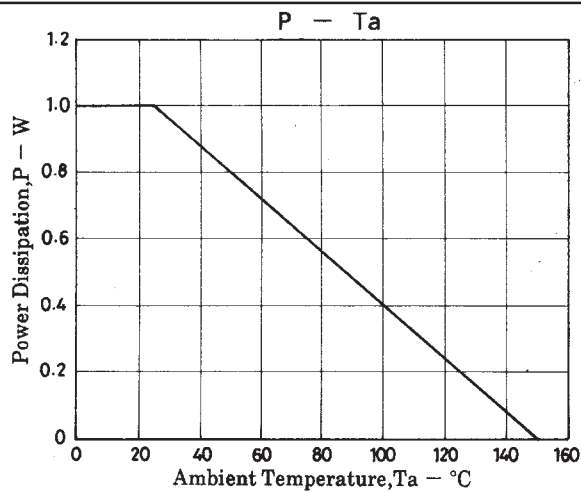
Electrical Characteristics at $T_a = 25^\circ C$

Type No.	Zener Characteristics					Forward Voltage Drop		Reverse Current	
	Zener Voltage V _Z [V]			Dynamic Resistance [Ω]	Measured Current I _Z [mA]	V _F [V] max	Measured Current [A]	I _R [μA] max	Measured Voltage [V]
	typ	min	max	max					
DZB6.2U	6.2	5.60	6.80	60	−10	2	0.2	−10	−2.0
6.8C	6.8	6.45	7.14	60	−10	2	0.2	−10	−3.0
7.5C	7.5	7.13	7.81	30	−10	2	0.2	−10	−4.5
8.2C	8.2	7.79	8.61	30	−10	2	0.2	−10	−4.9
9.1C	9.1	8.65	9.55	30	−10	2	0.2	−10	−5.5
10C	10	9.50	10.50	30	−10	2	0.2	−10	−6.0
11C	11	10.50	11.50	30	−10	2	0.2	−10	−7.0
12C	12	11.40	12.60	30	−10	2	0.2	−10	−8.0
13C	13	12.40	13.60	30	−10	2	0.2	−10	−9.0
15C	15	14.30	15.80	30	−10	2	0.2	−10	−10.0
16C	16	15.20	16.80	30	−10	2	0.2	−10	−11.0
18C	18	17.10	18.90	30	−10	2	0.2	−10	−13.0
20C	20	19.00	21.00	30	−10	2	0.2	−10	−14.0
22C	22	20.90	23.10	30	−10	2	0.2	−10	−16.0
24C	24	22.80	25.20	30	−10	2	0.2	−10	−17.0
27C	27	25.70	28.30	30	−10	2	0.2	−10	−19.0
30C	30	28.50	31.50	30	−10	2	0.2	−10	−21.0

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