



DZD27 to 47

Silicon Planar Type

0.2W Zener Diodes

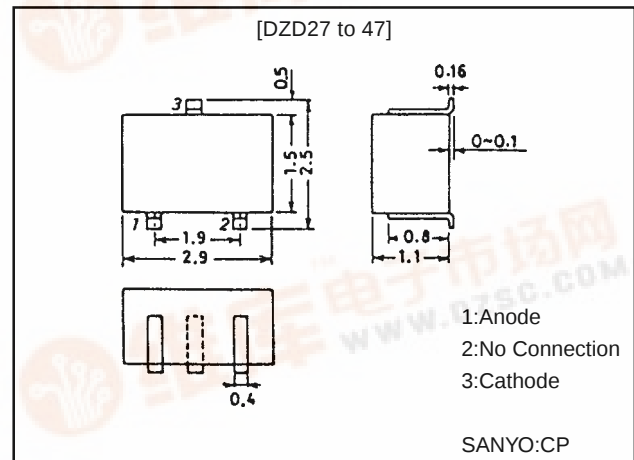
Features

- Reference voltage use.
- Voltage regulator use.
- Power dissipation : $P=200\text{mW}$.
- High reliability due to planar type.
- Ideally suited for use in hybrid ICs because of ultrasmall-sized package.

Package Dimensions

unit:mm

1148A



Specifications

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

Parameter	Symbol	Conditions	Ratings	Unit
Power Dissipation	P		200	mW
Junction Temperature	T_j		150	$^\circ\text{C}$
Storage Temperature	T_{stg}		-55 to +150	$^\circ\text{C}$

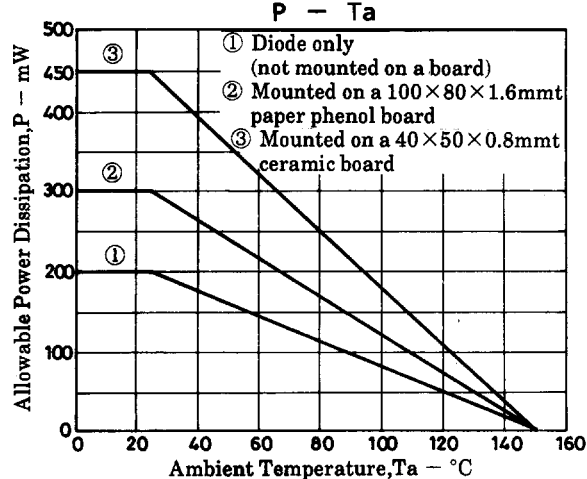
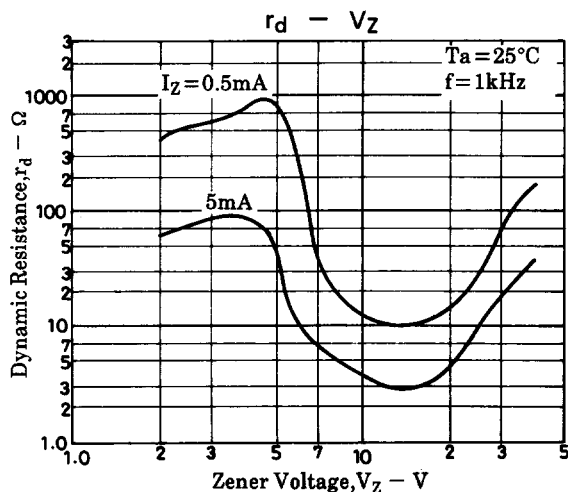
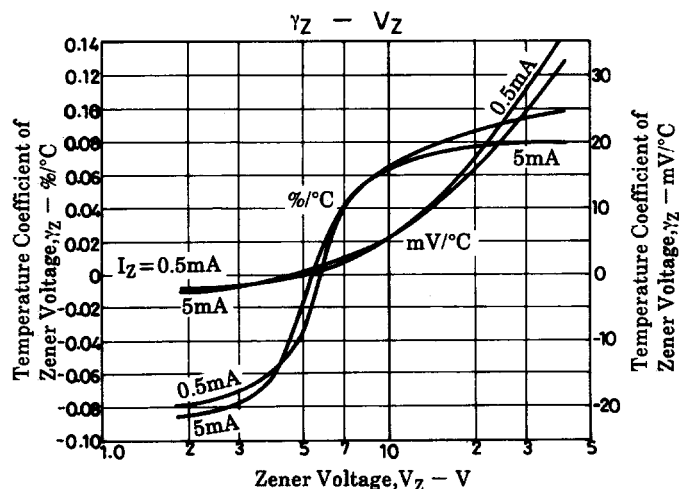
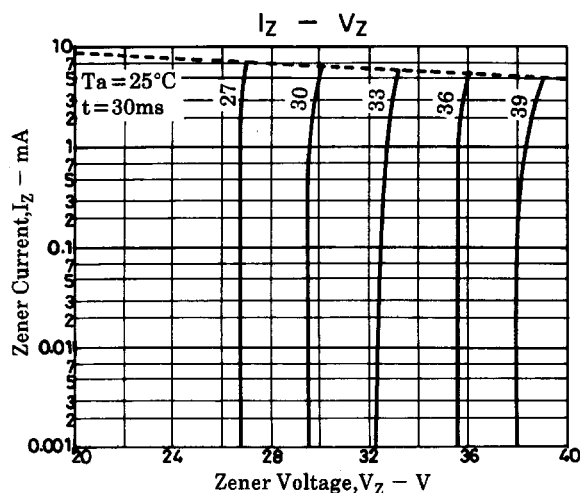
Electrical Characteristics at $T_a = 25^\circ\text{C}$

Type No.	Zener Characteristics			Reverse Current		
	Zener Voltage V_Z [V]*		Current at which V_Z , r_d are measured [mA]	I_R [μA]	Voltage at which I_R is measured V_R [V]	
	min	max				
DZD27	25.10	28.90	70	2	0.5	21
DZD30	28.00	32.00	80	2	0.5	23
DZD33	31.00	35.00	80	2	0.5	25
DZD36	34.00	38.00	90	2	0.5	27
DZD39	37.00	41.00	100	2	0.5	30
DZD43	40.00	45.00	130	2	0.5	33
DZD47	44.00	49.00	150	2	0.5	36

* : $t=30\text{ms}$



DZD27 to 47



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