

<b>SANYO</b>	No.4703	<b>DZF6.8 to 36</b>
		Silicon Diffused Junction Type  1W Zener Diode

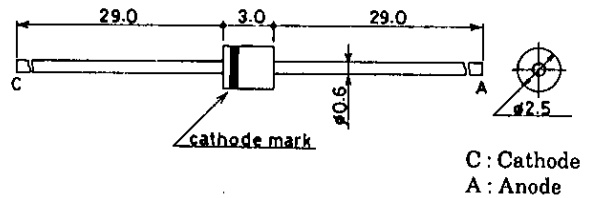
**Features**

- Plastic mold package.
- Voltage regulator use.
- Allowable power dissipation : P = 1W.
- Subdivided voltage range : 6.8 to 36V.
- Zener voltage tolerance: ±10%

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

Allowable Power Dissipation	P	1.0	unit W
Junction Temperature	Tj	150	°C
Storage Temperature	Tstg	-40 to +150	°C

**Package Dimensions 1261**  
(unit : mm)



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## DZF6.8 to 36

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

Type No.	Zener Characteristics					Temperature Coefficient $\gamma_z$		Forward Voltage Drop $V_F$	Reverse Current		
	Zener Voltage $V_Z$			Dynamic Resistance $r_d$	Current at which $V_Z, r_d$ are measured $I_Z$	[mV/°C]		[V]	Current at which $V_F$ is measured [A]	$I_R$ [ $\mu\text{A}$ ]	Voltage at which $I_R$ is measured [V]
	[V]										
	min	typ	max	max	typ	max	max	max			
DZF6.8	6.2	6.8	7.4	60	10	3	4	1.2	0.2	10	3.0
DZF7.5	6.8	7.5	8.3	30	10	4	5	1.2	0.2	10	4.5
DZF8.2	7.4	8.2	9.1	30	10	4	6	1.2	0.2	10	4.9
DZF9.1	8.2	9.1	10.1	30	10	5	8	1.2	0.2	10	5.5
DZF10	9.0	10	11.0	30	10	6	9	1.2	0.2	10	6.0
DZF11	9.9	11	12.1	30	10	7	11	1.2	0.2	10	7.0
DZF12	10.8	12	13.2	30	10	8	13	1.2	0.2	10	8.0
DZF13	11.7	13	14.3	30	10	9	14	1.2	0.2	10	9.0
DZF15	13.5	15	16.5	30	10	11	17	1.2	0.2	10	10.0
DZF16	14.4	16	17.6	30	10	12	19	1.2	0.2	10	11.0
DZF18	16.2	18	19.8	30	10	14	23	1.2	0.2	10	13.0
DZF20	18.0	20	22.0	30	10	16	26	1.2	0.2	10	14.0
DZF22	19.8	22	24.2	30	10	18	28	1.2	0.2	10	16.0
DZF24	21.6	24	26.4	30	10	20	32	1.2	0.2	10	17.0
DZF27	24.3	27	29.7	30	10	23	36	1.2	0.2	10	19.0
DZF30	27.0	30	33.0	30	10	25	40	1.2	0.2	10	21.0
DZF33	29.7	33	36.3	30	10	26	41	1.2	0.2	10	26.4
DZF36	32.4	36	39.6	30	9	28	45	1.2	0.2	10	28.8

