

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

Features

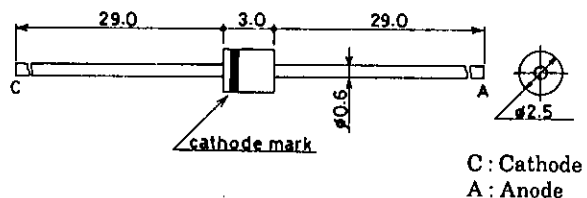
- Plastic mold package.
- Voltage regulator use.
- Allowable power dissipation : $P = 1W$.
- Subdivided voltage range : 6.8 to 36V.
- Zener voltage tolerance: $\pm 10\%$

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

Allowable Power Dissipation	P	1.0	unit
Junction Temperature	T_j	150	$^\circ C$
Storage Temperature	T_{stg}	-40 to +150	$^\circ C$

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 γ_z		Forward Voltage		Reverse Current	
	Zener Voltage V_Z			Dynamic Resistance r_d	Current at which V_Z, r_d are measured I_Z [mA]			Drop V_F	Current at which V_F is measured	I_R	Voltage at which I_R is measured
	[V]					[Ω]	[mV/°C]				
	min	typ	max	max		typ	max	max		[A]	
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

