

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

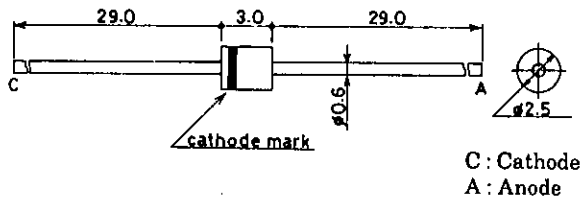
Features

- 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 Ta = 25°C

Allowable Power Dissipation	P	1.0	W		unit
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 γ_Z		Forward Voltage Drop V_F	Current at which V_F is measured	Reverse Current	
	Zener Voltage V_Z			Dynamic Resistance r_d	Current at which V_Z, r_d are measured I_Z	γ_Z				I_R	Voltage at which I_R is measured
	[V]			[Ω]		[mV/ $^\circ\text{C}$]		[μA]			
	min	typ	max	max		typ	max	max	[A]	[V]	
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

