



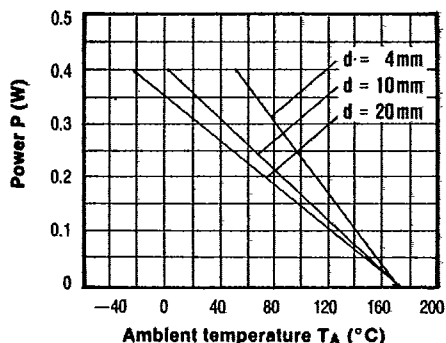
400mW Zener Diodes 1N708 thru 1N726

GENERAL DESCRIPTION

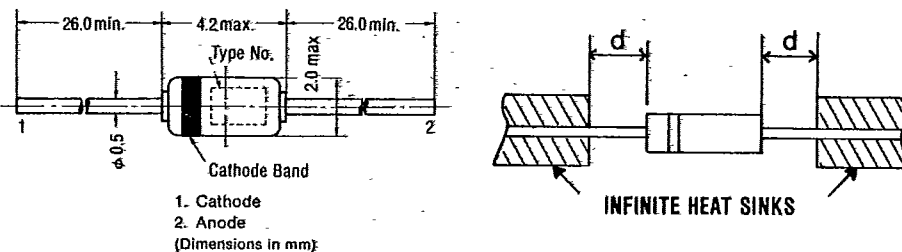
The Hitachi 400mW ZENER DIODE series 1N708 THRU 1N726 are especially designed for stabilized power supply, clipper, limiter, and surge absorber applications.

These devices are available in DO-35 glass packages, and assure high reliability.

MAXIMUM POWER DISSIPATION



OUTLINE DIMENSION



ABSOLUTE MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

ITEM	SYMBOL	RATINGS	UNIT
Power dissipation	P	400	mW
Operating temperature	T_{opr}	-65 to 175	°C
Storage temperature	T_{stg}	-65 to 175	°C
Lead temperature	T_L	230	°C

ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

TYPE	V_Z ZENER VOLTAGE			Z_Z ZENER IMPEDANCE	I_{ZT} TEST CURRENT
	$I_R = I_{ZT}$				
Test Cond.				$I_R = I_{ZT}, f = 60\text{Hz}$ $I_r = 10\% I_{ZT}$	
Limits	Mln.	Nom.	Max.		
Unit	V			ohms	mA
1N708	5.04	5.6	6.16	3.6	25
1N709	5.58	6.2	6.82	4.1	25
1N710	6.12	6.8	7.48	4.7	25
1N711	6.75	7.5	8.25	5.3	25
1N712	7.38	8.2	9.02	6	25
1N713	8.19	9.1	10.01	7	12
1N714	9.00	10	11.00	8	12
1N715	9.90	11	12.10	9	12
1N716	10.80	12	13.20	10	12
1N717	11.70	13	14.30	11	12
1N718	13.50	15	16.50	13	12
1N719	14.40	16	17.60	15	12
1N720	16.20	18	19.80	17	12
1N721	18.00	20	22.00	20	4
1N722	19.80	22	24.20	24	4
1N723	21.60	24	26.40	28	4
1N724	24.30	27	29.70	35	4
1N725	27.00	30	33.00	42	4
1N726	29.70	33	36.30	50	4

NOTE: Tolerance designation
Units with guaranteed limits are indicated by non-suffix for $\pm 10\%$ tolerance, suffix "A" for $\pm 5\%$.