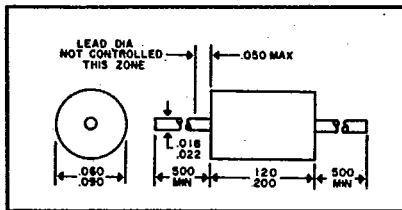


ZENER DIODES

DO-35 Case



400mW

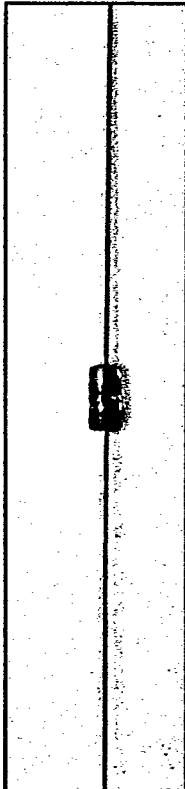
DO-35 Case

Type†	Nominal Zener Voltage $V_Z @ I_{ZT}$	Test Current I_{ZT}	Maximum‡ Dynamic Impedance $Z_{dT} @ I_{ZT}$	Typical Temperature Coefficient T_C
	V	mA	Ω	%/°C
1N5728	4.7	10	70	—
1N5729	5.1		50	—
1N5730	5.6		25	—
1N5731	6.2		10	—
1N5732	6.8		10	.044
1N5733	7.5		10	.053
1N5734	8.2		15	.061
1N5735	9.1		15	.066
1N5736	10.0		20	.070
1N5737	11	5	20	.072
1N5738	12		25	.075
1N5739	13		30	.080
1N5740	15		36	.083
1N5741	16	5	40	.080
1N5742	18		45	.083
1N5743	20		55	.085
1N5744	22		55	.086
1N5745	24		70	.087
1N5746	27	2	80	.087
1N5747	30		80	.086
1N5748	33.0		90	.092
1N5749	36.0		90	.093
1N5750	39.0		130	.094
1N5751	43.0	2	150	.095
1N5752	47.0		170	.095
1N5753	51.0		180	.096
1N5754	56.0		200	.096
1N5755	62.0		215	.097
1N5756	68.0		240	.097

†Standard tolerances of 1, 2, and 5% are available — "B" suffix is $\pm 5\%$, "C" suffix is $\pm 2\%$, and "D" suffix is $\pm 1\%$.

‡Zener impedance is derived from the 1kHz voltage created when AC current with RMS value of 10% of DC zener test current is superimposed on the test current.

DO-35 Case



400mW

DO-35 Case

Type†	Nominal Zener Voltage $V_Z @ I_{ZT}$	Test Current I_{ZT}	Maximum‡ Dynamic Impedance $Z_{dT} @ I_{ZT}$	Typical Temperature Coefficient T_C
	V	mA	Ω	%/°C
1N746	3.3	20	28	-.062
1N747	3.6		24	-.055
1N748	3.9		23	-.049
1N749	4.3		22	-.036
1N750	4.7		19	-.018
1N751	5.1	20	17	-.008
1N752	5.6		11	.006
1N753	6.2		7	.022
1N754	6.8		5	.035
1N755	7.5		6	.045
1N756	8.2	20	8	.052
1N757	9.1		10	.056
1N758	10.0		17	.060
1N759	12.0		30	.060

†Standard types are $\pm 10\%$ tolerance; suffix "A" denotes $\pm 5\%$ tolerance.

‡Zener impedance is derived from the 1kHz voltage created when AC current with RMS value of 10% of DC zener test current is superimposed on the test current.

