

200mW

DO-35 Case

Type†	Nominal Zener Voltage	Test Current	Maximum‡ Dynamic Impedance	Typical Temperature Coefficient
	V _Z @ I _{ZT}	I _{ZT}	Z _{ZT} @ I _{ZT}	T _C
	V	mA	Ω	%/°C
RD7A	7.1	10	15	.040
RD9A	8.75	10	10	.060
RD11A	10.5	5	25	.070
RD13A	12.8	5	35	.075
RD16A	15.8	5	55	.080
RD19A	19.0	5	80	.085
RD24A	23.5	5	150	.090
RD29A	28.5	2	250	.095

†Standard tolerances of 5, 10, and 20% are available

‡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.

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Type†	Nominal Zener Voltage	Test Current	Maximum‡ Dynamic Impedance	Typical Temperature Coefficient
	V _Z @ I _{ZT}	I _{ZT}	Z _{ZT} @ I _{ZT}	T _C
	V	mA	Ω	%/°C
1N703	3.45	10	55.0	-.07
1N704	4.1		45.0	-.06
1N705	4.85		35.0	±.03
1N706	5.8		20.0	.038
1N707	7.1		10.0	.050

†Standard tolerance of 10%

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The "A" version of this series has a 5mA test current.

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	V _Z @ I _{ZT}	I _{ZT}	Z _{ZT} @ I _{ZT}	T _C
	V	mA	Ω	%/°C
1N708	5.6	25	2.6	.038
1N709	6.2		4.1	.038
1N710	6.8		4.7	.038
1N711	7.5		5.3	.048
1N712	8.2		6.0	.053
1N713	9.1	12	7.0	.060
1N714	10.0		8.0	.061
1N715	11.0		9.0	.065
1N716	12	12	10	.068
1N717	13		11	.070
1N718	15		13	.072
1N719	16		15	.074
1N720	18		17	.077
1N721	20	4	20	.081
1N722	22		24	.083
1N723	24		28	.085
1N724	27		35	.088
1N725	30		42	.089
1N726	33		50	.090
1N727	36.0	4	60	.093
1N728	39.0		70	.094
1N729	43.0		84	.095
1N730	47.0		98	.095
1N731	51.0		115	.096
1N732	56.0		140	.096
1N733	62.0	2	170	.097
1N734	68.0		200	.097
1N735	75.0		240	.098
1N736	82.0		280	.098

†Standard tolerances of 5, 10, and 20% are available — no suffix is ±10% tolerance, "A" suffix is ±5% tolerance, and "B" Suffix is ±20% tolerance. Consult factory for ±2% and ±1% tolerances.

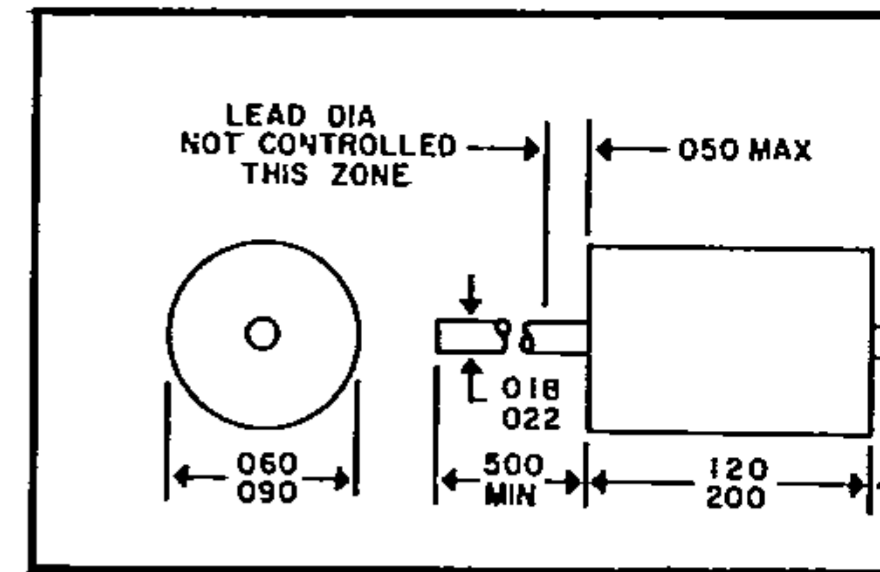
‡Zener impedance is derived from the 1kHz voltage created when AC current with RMS value of 10% of DC zener test current is superimposed on the test current.

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Type†	Nominal Zener Voltage Vz @ IzT	Test Current IzT	Maximum‡ Dynamic Impedance ZzT @ IzT	Typical Temperature Coefficient Tc
	V	mA	Ω	%/°C
1N763-1 1N763-2 1N763-3	6.5 7.0 7.5	20 10 10	50 7 7	.040
1N764 1N764-1 1N764-2 1N764-3 1N764-4	8.75 8.0 8.5 9.0 9.5	10	12	.050
1N765 1N765-1 1N765-2	10.5 10.0 11.0	5	45	.060
1N766 1N766-1 1N766-2 1N766-3	12.75 12.0 13.0 14.0	5	55	.070
1N767 1N767-1 1N767-2 1N767-3	15.75 15.0 16.0 17.0	5	70	.080
1N768 1N768-1 1N768-2 1N768-3	19 18 19 20	5	100	.080
1N769 1N769-1 1N769-2 1N769-3	23.5 22.0 24.0 26.0	5	150	.090



†Standard types are ±10% tolerance, -1, -2, -3, and -4 suffixes denote ±5% tolerance.

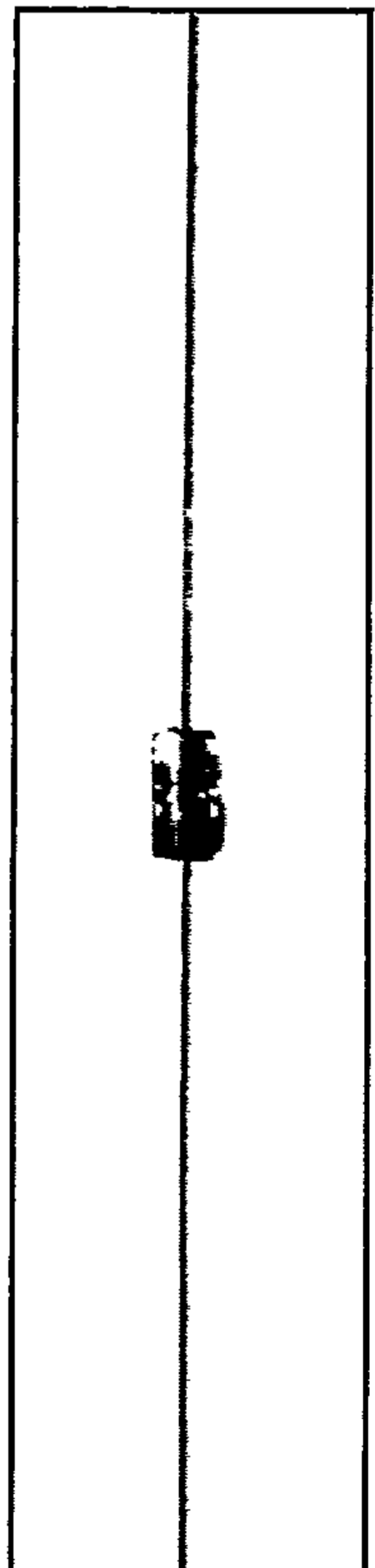
‡Zener impedance is derived from the 1kHz voltage created when AC current with RMS value of 10% of DC zener test current is superimposed on the test current.

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Type†	Nominal Zener Voltage Vz @ IzT	Test Current IzT	Maximum‡ Dynamic Impedance ZzT @ IzT	Typical Temperature Coefficient Tc
	V	mA	Ω	%/°C
1N4099 1N4100 1N4101 1N4102 1N4103 1N4104	6.8 7.5 8.2 8.7 9.1 10.0	0.25	200	—
1N4105 1N4106 1N4107 1N4108 1N4109	11 12 13 14 15	0.25	200	—
1N4110 1N4111 1N4112 1N4113 1N4114	16 17 18 19 20	0.25	100 100 100 150 150	—
1N4115 1N4116 1N4117 1N4118	22 24 25 27	0.25	150	—
1N4119 1N4120 1N4121 1N4122 1N4123	28 30 33 36 39	0.25	200	—
1N4124 1N4125 1N4126 1N4127 1N4128	43 47 51 56 60	0.25	250 250 300 300 400	—
1N4129 1N4130 1N4131 1N4132	62 68 75 82	0.25	500 700 700 800	—



†Standard tolerance of ±5%.

‡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.

