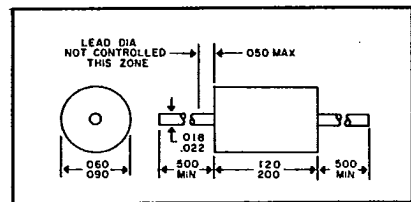


ZENER DIODES

400mW

DO-35 Case

Type†	Nominal Zener Voltage	Test Current Izt	Maximum‡ Dynamic Impedance Zzt @ Izt	Maximum Temperature °C
	Vz @ Izt V			
1N5518 1N5519 1N5520 1N5521	3.3 3.6 3.9 4.3	20	26 24 22 18	175J
1N5522 1N5523 1N5524 1N5525	4.7 5.1 5.6 6.2	10 5 3 1	22 26 30 30	175J
1N5526 1N5527 1N5528 1N5529	6.8 7.5 8.2 9.1	1	30 35 40 45	175J
1N5530 1N5531 1N5532 1N5533	10.0 11 12 13	1	60 80 90 90	175J
1N5534 1N5535 1N5536 1N5537	14 15 16 17	1	100	175J
1N5538 1N5539 1N5540 1N5541	18 19 20 22	1	100	175J
1N5542 1N5543 1N5544	24 25 28	1	100	175J



† Standard types are ±20% tolerance, suffix "A" denotes ±10%, suffix "B" denotes ±5%, suffix "C" denotes ±2%, suffix "D" denotes ±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.

400mW

DO-35 Case

Type†	Nominal Zener Voltage	Test Current Izt	Maximum‡ Dynamic Impedance Zzt @ Izt	Typical Temperature Coefficient Tc
	Vz @ Izt V			
1N6082 1N6083 1N6084 1N6085	4.3 4.7 5.1 5.6	2.0 1.0 0.250 0.050	18 10 10 40	5.5 4.3 3.0 4.0
1N6086 1N6087 1N6088 1N6089	6.2 6.8 7.5 8.2	0.010 0.010 0.010 0.010	45 50 50 60	5.0 6.0 6.4 6.7
1N6090 1N6091	9.1 10.0	0.010 0.010	60 60	7.0 7.5

† Standard types are ±20% tolerance, suffix "A" denotes ±10% tolerance, suffix "B" denotes ±5% tolerance, suffix "C" denotes ±2% tolerance, suffix "D" denotes ±1% 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.

DO-35 Case

