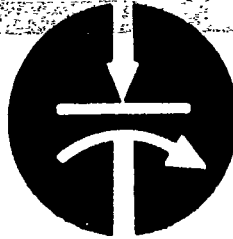


Eastron



HIGH PERFORMANCE
LOW LEAKAGE & LOW NOISE ZENERS

NOMINAL ZENER ± 20% VOLTAGE	TEST CURRENT (mA)	MAX ZENER IMPEDANCE (OHMS)	MAX LEAKAGE CURRENT IP @ VR (µA) (VOLTS)	MAX NOISE DENSITY @ 250µA µV/√Hz	MAX REGULATION CURRENT mAdc		
1N5518	3.3	20	26	5	.9	.5	115
1N5519	3.6	20	24	3	.9	.5	105
1N5520	3.9	20	22	1	.9	.5	98
1N5521	4.3	20	18	3	1.0	.5	88
1N5522	4.7	10	22	2	1.5	.5	81
1N5523	5.1	5	26	2	2	.5	75
1N5524	5.6	3	30	2	3	1.0	68
1N5525	6.2	1	30	1	4.5	1.0	61
1N5526	6.8	1	30	1	5.5	1.0	56
1N5527	7.5	1	35	.5	6	2.0	51
1N5528	8.2	1	40	.5	6.5	4.0	46
1N5529	9.1	1	45	.1	7	4.0	42
1N5530	10.0	1	60	.05	8	4.0	38
1N6082	4.3	20	18	2	1.5	1.0	81
1N6083	4.7	10	10	2	2	1.0	77
1N6084	5.1	5	10	2	3	1	72
1N6085	5.6	1	40	2	4.5	1	65
1N6086	6.2	1	45	.5	5.6	1	59
1N6087	6.8	1	50	.05	6.2	1	53
1N6088	7.5	1	50	.01	6.8	1	47
1N6089	8.2	1	60	.01	7.5	1	41
1N6090	9.1	1	60	.01	8.2	2	37
1N6091	10.0	1	60	.01	9.1	2	35

Tolerance of ± 10% (suffix A)

Tolerance of ± 5% (suffix B)

Tolerance of ± 2% (suffix C)

DC Power Dissipation @ $T_A = 50^\circ\text{C}$

100 mW

Derate Above 50°C

3.2 mW/ $^\circ\text{C}$

DC Power Dissipation @ $T_L = 50^\circ\text{C}$

Lead Length = 1/8"

500 mW

Derate Above 50°C

3.3 mW/ $^\circ\text{C}$

Operating Temperature

-65 to +175 $^\circ\text{C}$

Storage Temperature

-65 to +200 $^\circ\text{C}$

Forward Voltage Drop @ $I_f = 200\text{mA}$

1.1 vdc MAX

Package-ETA DC-7