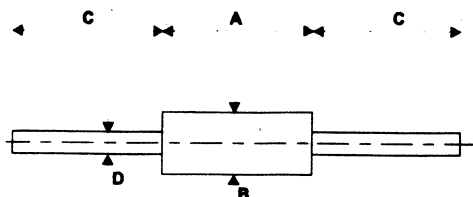


New Jersey Semi-Conductor Products, Inc.

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U.S.A.

500W BI-POLARITY TRANSIENT VOLTAGE SUPPRESSORS

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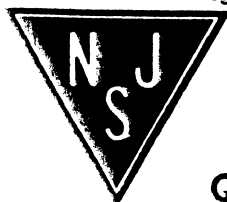
REF.	DIMENSIONS			
	Millimeters		Inches	
	Min.	Max.	Min.	Max.
A	6.05	6.75	0.238	0.268
B	2.95	3.53	0.116	0.139
C	26	31	1.024	1.220
D	0.71	0.88	0.028	0.035

1N6102
thru
1N6137

ELECTRIAL SPECIFICATIONS (@ 25°C UNLESS OTHERWISE SPECIFIED)

Device Type	Minimum Breakdown Voltage $V_{(BR)} \bullet I_{(SR)}$	Test Current $I_{(SR)}$	Working Pk. Reverse Voltage V_{RWM}	Max. Reverse Current I_R	Maximum Clamping Voltage $V_C \bullet I_P$	Maximum Pk. Pulse Current I_P $t_P = 8.3ms$	Temp. Coeff. of $V_{(BR)}$ α_{VZ}	Maximum Reverse Current $I_R \bullet 150^\circ C$
	Volts	mA	Volts	μA	Volts	Amps	%/ $^\circ C$	μA
1N6102	6.12	175	5.2	100	11.0	45.4	.05	4000
1N6103	6.75	175	5.7	50	11.8	42.4	.06	750
1N6104	7.38	150	6.2	20	12.7	39.4	.06	500
1N6105	8.19	150	6.9	20	14.0	35.7	.06	300
1N6106	9.00	125	7.6	20	15.2	32.9	.07	200
1N6107	9.90	125	8.4	20	16.3	30.7	.07	200
1N6108	10.8	100	9.1	20	17.7	28.2	.07	150
1N6109	11.7	100	9.9	20	19.0	26.3	.08	150
1N6110	13.5	75	11.4	20	21.9	22.8	.08	100
1N6111	14.4	75	12.2	20	23.4	21.4	.08	100
1N6112	16.2	65	13.7	1	26.3	19.0	.085	100
1N6113	18.0	65	15.2	1	29.0	17.2	.085	100
1N6114	19.8	50	16.7	1	31.9	15.7	.085	100
1N6115	21.6	50	18.2	1	34.8	14.4	.09	100
1N6116	24.3	50	20.6	1	39.2	12.8	.09	100
1N6117	27.0	40	22.8	1	43.6	11.5	.09	100
1N6118	29.7	40	25.1	1	47.9	10.4	.095	100
1N6119	32.4	30	27.4	1	52.3	9.6	.095	100
1N6120	35.1	30	29.7	1	56.2	8.9	.095	100
1N6121	38.7	30	32.7	1	62.0	8.1	.095	100
1N6122	42.3	25	35.8	1	67.7	7.4	.095	100
1N6123	45.9	25	38.8	1	73.5	6.8	.095	100
1N6124	50.4	20	42.6	1	80.7	6.2	.095	100
1N6125	55.8	20	47.1	1	89.3	5.6	.100	100
1N6126	61.2	20	51.7	1	98.0	5.1	.100	100
1N6127	67.5	20	56.0	1	108.1	4.6	.100	100
1N6128	73.8	15	62.2	1	118.2	4.2	.100	100
1N6129	81.9	15	69.2	1	131.1	3.8	.100	100
1N6130	90.0	12	76.0	1	144.1	3.5	.100	100
1N6131	99.0	12	83.6	1	158.5	3.2	.100	100
1N6132	108.0	10	91.2	1	172.9	2.9	.100	100
1N6133	117.0	10	98.8	1	187.3	2.7	.100	100
1N6134	135.0	8	114.0	1	216.2	2.3	.100	100
1N6135	144.0	8	121.6	1	228.8	2.2	.100	100
1N6136	162.0	5	136.8	1	257.4	1.9	.100	100
1N6137	180.0	5	152.0	1	286.0	1.7	.100	100

FOR 5% TOLERANCE
ADD "A" SUFFIX.
eg. 1N6102A



Quality Semi-Conductors