

# New Jersey Semi-Conductor Products, Inc.

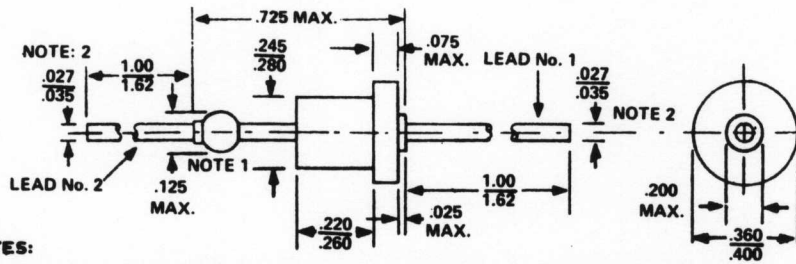
20 STERN AVE.  
 SPRINGFIELD, NEW JERSEY 07081  
 U.S.A.

TELEPHONE: (973) 376-2922  
 (212) 227-6005  
 FAX: (973) 376-8960

TYPE	CASE STYLE	MAX. PEAK REVERSE VOLTAGE (Volts)	MAX. AVERAGE FORWARD CURRENT, I <sub>F</sub> (Amperes)	AMBIENT TEMP. (°C)	FORWARD CURRENT (Amperes) MAX. FORWARD VOLTAGE (Volts)	REVERSE CURRENT (µA) AMBIENT TEMP. (°C)
1N316, A	Do-1	50	.25 @ 100		1.5 @ .25	240 @ 100
1N317, A	Do-1	100	.25 @ 100		1.5 @ .25	240 @ 100
1N318, A	Do-1	200	.25 @ 100		1.5 @ .25	240 @ 100
1N319, A	Do-1	350	.25 @ 100		1.5 @ .25	240 @ 100
1N320, A	Do-1	500	.25 @ 100		1.5 @ .25	240 @ 100
1N321, A	Do-1	850	.25 @ 100		1.5 @ .25	240 @ 100
1N322, A	Do-1	1000	.25 @ 100		1.5 @ .25	240 @ 100
1N323, A	Do-1	50	.40 @ 100		1.5 @ .40	240 @ 100
1N324, A	Do-1	100	.40 @ 100		1.5 @ .40	240 @ 100
1N325, A	Do-1	200	.40 @ 100		1.5 @ .40	240 @ 100
1N326, A	Do-1	350	.40 @ 100		1.5 @ .40	240 @ 100
1N327, A	Do-1	500	.40 @ 100		1.5 @ .40	240 @ 100
1N328, A	Do-1	850	.40 @ 100		1.5 @ .40	240 @ 100
1N329, A	Do-1	1000	.40 @ 100		1.5 @ .40	240 @ 100
1N359	Do-1	50	.15 @ 25		2 @ .20	250 @ 100
1N359A	Do-1	50	.15 @ 100		1.2 @ .5	1 @ 25
1N360	Do-1	100	.15 @ 25		2 @ .20	250 @ 100
1N360A	Do-1	100	.15 @ 100		1.2 @ .5	1 @ 25
1N361	Do-1	200	.15 @ 25		2 @ .20	250 @ 100
1N361A	Do-1	200	.15 @ 100		1.2 @ .5	1 @ 25
1N362	Do-1	350	.15 @ 25		2 @ .20	250 @ 100
1N362A	Do-1	350	.15 @ 100		1.2 @ .5	1 @ 25
1N363	Do-1	500	0.2 @ 25		2 @ 0.2	250 @ 100
1N363A	Do-1	500	0.2 @ 100		1.2 @ 0.5	2 @ 25
1N364	Do-1	850	0.1 @ 100		1.2 @ .30	60 @ 100
1N364A	Do-1	850	0.1 @ 125		1.2 @ .50	10 @ 25
1N365	Do-1	1000	0.1 @ 100		1.2 @ .30	60 @ 100
1N365A	Do-1	1000	0.1 @ 125		1.2 @ .50	10 @ 25
1N440	Do-1	100	0.3 @ 25		1.5 @ 0.3	0.3 @ 25
1N440B	Do-1	100	0.5 @ 100		1.5 @ 0.75	0.3 @ 25
1N441	Do-1	200	0.3 @ 25		1.5 @ 0.3	0.75 @ 25
1N441B	Do-1	200	0.5 @ 100		1.5 @ 0.75	0.75 @ 25
1N442	Do-1	300	0.3 @ 25		1.5 @ 0.3	1 @ 25
1N442B	Do-1	300	0.5 @ 100		1.5 @ 0.75	1 @ 25
1N443	Do-1	400	0.3 @ 25		1.5 @ 0.3	1.5 @ 25
1N443B	Do-1	400	0.5 @ 100		1.5 @ 0.75	1.5 @ 25
1N444	Do-1	500	0.3 @ 25		1.5 @ 0.3	1.75 @ 25
1N444B	Do-1	500	0.4 @ 100		1.5 @ 0.75	1.75 @ 25
1N445	Do-1	600	0.3 @ 25		1.5 @ 0.3	2 @ 25
1N445B	Do-1	600	0.4 @ 100		1.5 @ 0.75	2 @ 25
1N530	Do-1	100	0.3 @ 100		1.5 @ 0.3	300 @ 25
1N531	Do-1	200	0.3 @ 100		1.5 @ 0.3	300 @ 25
1N532	Do-1	300	0.3 @ 100		1.5 @ 0.3	300 @ 25
1N533	Do-1	400	0.3 @ 100		1.5 @ 0.3	300 @ 25
1N534	Do-1	500	0.3 @ 100		1.5 @ 0.3	300 @ 25
1N535	Do-1	600	0.3 @ 100		1.5 @ 0.3	300 @ 25
1N536	Do-1	50	0.25 @ 150		1.1 @ 0.5	300 @ 150
1N537	Do-1	100	0.25 @ 150		1.1 @ 0.5	300 @ 150
1N538	Do-1	200	0.25 @ 150		1.1 @ 0.5	300 @ 150
1N539	Do-1	300	0.25 @ 150		1.1 @ 0.5	300 @ 150
1N540	Do-1	400	0.25 @ 150		1.1 @ 0.5	300 @ 150
1N547	Do-1	600	0.25 @ 150		1.2 @ 0.5	300 @ 150
1N560	Do-1	800	0.25 @ 100		1.3 @ 0.25	300 @ 100
1N561	Do-1	1000	0.25 @ 100		1.3 @ 0.25	300 @ 100



Quality Semi-Conductors



**NOTES:**

1. DIMENSION TO ALLOW FOR PINCH OR SEAL DEFORMATION ANYWHERE ALONG TUBULATION (OPTIONAL).
2. DIAMETER TO BE CONTROLLED FROM FREE END OF LEAD TO WITHIN .188" (4.78 MM) FROM THE POINT OF ATTACHMENT TO THE BODY. WITHIN THE .188 (4.78 MM) DIMENSION, THE DIAMETER MAY VARY TO ALLOW FOR LEAD FINISHES AND IRREGULARITIES.