

# New Jersey Semi-Conductor Products, Inc.

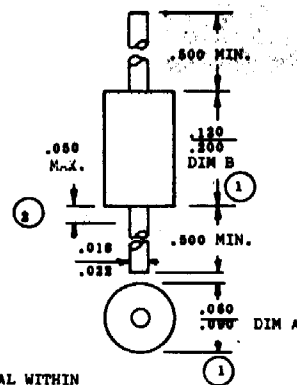
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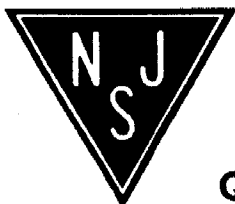
## Small Signal Devices

### SWITCHING DIODES

| TYPE   | PKG   | $V_R$<br>(V) | $I_F$<br>(mA) | $V_F$<br>(V) @ | $I_F$<br>(mA) | $I_R$<br>(nA) @ | $V_R$<br>(V) | $t_{rr}$ | $C_d$ |
|--------|-------|--------------|---------------|----------------|---------------|-----------------|--------------|----------|-------|
| 1N914  | DO-35 | 75           | 75            | 1.00           | 10            | 25              | 20           | 4        | 4.0   |
| 1N914A | DO-35 | 75           | 75            | 1.00           | 20            | 25              | 20           | 4        | 4.0   |
| 1N914B | DO-35 | 75           | 75            | 0.72           | 5             | 25              | 20           | 4        | 4.0   |
| 1N916  | DO-35 | 75           | 75            | 1.00           | 10            | 25              | 20           | 4        | 2.0   |
| 1N916A | DO-35 | 75           | 75            | 1.00           | 20            | 25              | 20           | 4        | 2.0   |
| 1N916B | DO-35 | 75           | 75            | 0.73           | 5             | 25              | 20           | 4        | 2.0   |
| 1N4148 | DO-35 | 75           | 200           | 1.00           | 10            | 25              | 20           | 4        | 4.0   |
| 1N4149 | DO-35 | 75           | 200           | 1.00           | 10            | 25              | 20           | 4        | 2.0   |
| 1N4150 | DO-35 | 60           | 200           | 0.74           | 10            | 100             | 50           | 4        | 2.5   |
| 1N4151 | DO-35 | 75           | 200           | 1.00           | 50            | 50              | 50           | 2        | 2.0   |
| 1N4153 | DO-35 | 75           | 200           | 0.88           | 20            | 50              | 50           | 2        | 2.0   |
| 1N4446 | DO-35 | 75           | 200           | 1.00           | 20            | 25              | 20           | 4        | 4.0   |
| 1N4448 | DO-35 | 75           | 200           | 0.72           | 5             | 25              | 20           | 4        | 4.0   |
| 1N4449 | DO-35 | 75           | 200           | 0.73           | 5             | 25              | 20           | 4        | 2.0   |
| 1N4531 | DO-34 | 75           | 200           | 1.00           | 10            | 25              | 20           | 4        | 4.0   |
| 1N4532 | DO-34 | 75           | 200           | 1.00           | 10            | 100             | 50           | 2        | 2.0   |
| BAS11  | DO-35 | 300          | 350           | 1.10           | 300           | 100             | 300          | 1000     | 15.0  |
| BAV10  | DO-35 | 60           | 300           | 1.00           | 200           | 100             | 60           | 6        | 2.5   |
| BAV18  | DO-35 | 50           | 250           | 1.00           | 100           | 100             | 50           | 50       | 5.0   |
| BAV19  | DO-35 | 100          | 250           | 1.00           | 100           | 100             | 100          | 50       | 5.0   |
| BAV20  | DO-35 | 150          | 250           | 1.00           | 100           | 100             | 150          | 50       | 5.0   |
| BAV21  | DO-35 | 200          | 250           | 1.00           | 100           | 100             | 200          | 50       | 5.0   |



1. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS A & B. SLUGS, IF ANY, SHALL BE INCLUDED WITHIN THIS CYLINDER BUT SHALL NOT BE SUBJECT TO THE MINIMUM LIMIT OF DIM. A.
2. LEAD DIAMETER NOT CONTROLLED IN THIS ZONE TO ALLOW FOR FLASH, LEAD FINISH BUILD-UP, AND MINOR IRREGULARITIES OTHER THAN SLUGS.



Quality Semi-Conductors