

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

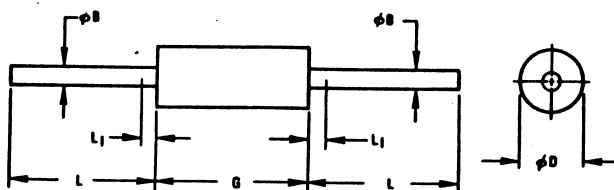
1N936B

REF/REG DIODE, 400mW < P(D) < 1W

Description: Ref/Reg Diode, 400mW < P(D) < 1W

Manufacturer.....
 Mil/High-Rel? (Y/N).....
 Nom. Ref. Volt..... 9.0
 Test Current..... 7.5m
 Tol. (%)..... 5.0
 PD Max. (W)..... 500m
 Dyn. Zmax (j)..... 20
 Temp Coef pp/10k..... 0.5
 Oper. Temp (xC) Max..... 150
 Pkg Style..... DO-7
 Surface Mounted (Y/N)..... N

2 It(rms)



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES | | MILLIMETERS | | NOTES |
|----------------|--------|------|-------------|-------|-------|
| | MIN. | MAX. | MIN. | MAX. | |
| ØB | .018 | .022 | 0.458 | 0.558 | - |
| ØD | .085 | .107 | 2.16 | 2.71 | 1 |
| G | .230 | .300 | 5.85 | 7.62 | 1 |
| L | 1.000 | - | 25.40 | - | - |
| L ₁ | - | .050 | - | 1.27 | 2 |

NOTES:

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

