

New Jersey Semi-Conductor Products, Inc.

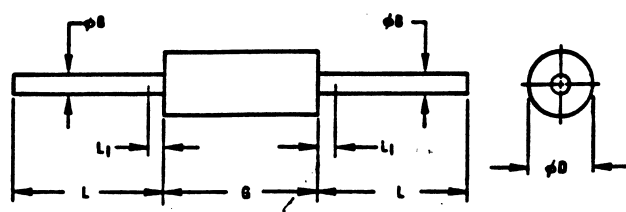
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FAST RECTIFIER, I(O)/I(F) s 100mA 1N994

Description: Fast Rectifier, I(O)/I(F) s 100mA
 Manufacturer.....
 Mil/High-Rel? (Y/N).....
 I(out) (If AVG) Max..... 20m
 VRRM..... 6.5
 t(rr) (S)..... 2.0n
 @If (test)..... 10m
 @Ir (A)..... 3.0m
 Vf Max..... 1.0
 @If (test)..... 10m
 Ir @25xC.....
 @Volts (test) (V)..... 6.0
 Ir @ Diff. Temp (A)..... 30u
 @Temp (test) (xC)..... 25
 Mat..... Germanium
 Oper. Temp (xC) Max..... 100
 Pkg Style..... DO-7
 Surface Mounted (Y/N)..... N

DO7



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES | | MILLIMETERS | | NOTES |
|--------|--------|------|-------------|-------|-------|
| | MIN. | MAX. | MIN. | MAX. | |
| ØD | .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 | - | - |
| L1 | - | .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.



Quality Semi-Conductors