

New Jersey Semi-Conductor Products, Inc.

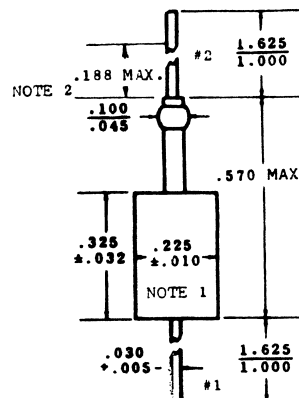
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Si Rectifiers, $500\text{mA} < I(O)/I(F) \leq 1A$

Part Number: 1N5006
Description: Si Rectifiers, $500\text{mA} < I(O)/I(F) \leq 1A$
Manufacturer..... many
Mil/High-Rel? (Y/N).....
I(out) (If AVG) Max..... 1.0
 @Temp. (test) ($^{\circ}\text{C}$)..... 40
VRRM..... 400
1-Cycle Surge Current (A)..... 35N
Vf Max..... 1.3
 @If (test)..... 1.0
 @Temp. (test) for Vf)..... 40
Ir @25 $^{\circ}\text{C}$
 @Volts (test) (V)..... 400
Ir @ Diff. Temp (A)..... 1.0m
 @Temp (test) ($^{\circ}\text{C}$)..... 40
Oper. Temp ($^{\circ}\text{C}$) Max..... 150
Pkg Style..... DO-13
Surface Mounted (Y/N)..... N

DO-13



NOTES:

1. The major diameter is essentially constant along its length.
2. Within this zone diameter may vary to allow for lead finishes and irregularities.
3. Dimension to allow for pinch or seal deformation anywhere along tabulation.