

New Jersey Semi-Conductor Products, Inc.

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 U.S.A.

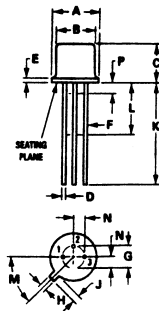
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PARAMETERS

2N930A
 SI NPN LO-PWR BJT

Description: Si NPN Lo-Pwr BJT
 Manufacturer.....
 Mil/High-Rel? (Y/N).....
 Vbr CEO..... 45
 hfe..... 150
 @Ic (A)..... 1.0m
 @VCE (test) (V)..... 5.0
 Ic Max. (A)..... 30m
 Trans. Freq (Hz) Min.....
 C(ob) (F)..... 6.0p
 Icbo Max. @Vcb Max. (A)..... 2.0n
 Vbr CBO..... 60
 Max. PD (W)..... 500m
 Derate (Amb) (W/xC)..... 2.9m
 Oper. Temp (x°C) Max..... 175 ~
 Pkg Style..... TO-18
 Surface Mounted (Y/N)..... N
 Pinout Equivalence Number..... 3-12

~ Storage Temperature 2 It(rms)



| DIM | MILLIMETERS | | INCHES | |
|-----|-------------|-------|-----------|-------|
| | MIN | MAX | MIN | MAX |
| A | 5.31 | 5.84 | 0.209 | 0.230 |
| B | 4.52 | 4.95 | 0.178 | 0.195 |
| C | 4.32 | 5.33 | 0.170 | 0.210 |
| D | 0.408 | 0.533 | 0.016 | 0.021 |
| E | — | 0.762 | — | 0.030 |
| F | 0.408 | 0.483 | 0.016 | 0.019 |
| G | 2.54 BSC | — | 0.100 BSC | — |
| H | 0.914 | 1.17 | 0.036 | 0.046 |
| J | 0.711 | 1.22 | 0.028 | 0.048 |
| K | 12.70 | — | 0.500 | — |
| L | 0.35 | — | 0.014 | — |
| M | 45° BSC | — | 40° BSC | — |
| N | 1.27 BSC | — | 0.050 BSC | — |
| P | — | 1.27 | — | 0.050 |

All JEDEC notes and dimensions apply.