*New Jersey Semi-Conductor Products, Inc.*

20 STERN AVE.
SPRINGFIELD, NEW JERSEY 07081
U.S.A.

TELEPHONE: (973) 376-292
(212) 227-600
FAX: (973) 376-896

PARAMETERS

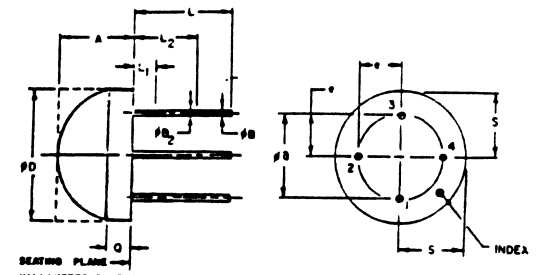
2N4888
SI PNP LO-PWR BJT

Description: Si PNP Lo-Pwr BJT

| | |
|---|---|
| Manufacturer | |
| Mil/High-Rel? (Y/N) | |
| Vbr CEO | 150 |
| hfe | 500*r* |
| @Ic (A) | 1.0m |
| @VCE (test) (V) | 10 |
| Ic Max. (A) | 100m |
| Trans. Freq (Hz) Min | 160M |
| C(ob) (F) | 4p |
| Icbo Max. @Vcb Max. (A) | .05u*X* |
| Vbr CBO | 150 |
| Max. PD (W) | 300m |
| Derate (Amb) (W/*x*C) | 3.0m |
| Oper. Temp (*x*C) Max | 125*u* |
| Pkg Style | TO-105 |
| Surface Mounted (Y/N) | N |
| Pinout Equivalence Number | 3-12 |

*u* Junction Temperature *r* Maximum *2* It(rms) *X* @ Below Vcb(max)

## TO-105




MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .120 | .240 | 3.1 | 6.0 | |
| $\phi$ a | .190 | .210 | 4.83 | 5.33 | |
| $\phi$ B | .016 | .021 | .407 | .533 | 1, 2 |
| $\phi B_2$ | .016 | .019 | .407 | .482 | 1, 2 |
| $\phi$ D | .305 | .325 | 7.75 | 8.25 | |
| e | .090 | .110 | 2.29 | 2.79 | |
| L | .500 | -- | 12.70 | -- | 1, 2 |
| $L_1$ | -- | .050 | -- | 1.27 | 1, 2 |
| $L_2$ | .250 | -- | 6.35 | -- | 1, 2 |
| Q | .060 | -- | 1.53 | -- | 3 |
| S | .145 | .165 | 3.69 | 4.19 | |

**Quality Semi-Conductors**