New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

2N3020
SI NPN LO-PWR BJT

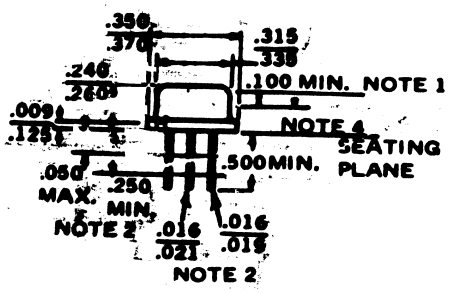
Description: Si NPN Lo-Pwr BJT

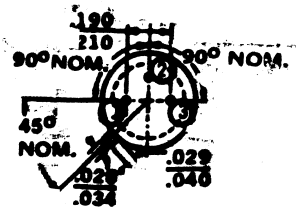
Manufacturer	
Mil/High-Rel? (Y/N)	
Vbr CEO	80
hfe	30s
@Ic (A)	100u
@VCE (test) (V)	10
Ic Max. (A)	1.0
Trans. Freq (Hz) Min	80M
C(ob) (F)	12p
Icbo Max. @Vcb Max. (A)	10nX
Vbr CBO	140
Max. PD (W)	800m
Derate (Amb) (W/xC)	4.6m
Oper. Temp (xC) Max	175u
Pkg Style	TO-39
Surface Mounted (Y/N)	N
Pinout Equivalence Number	3-12

u Junction Temperature 2 It(rms) s Minimum X @ Below Vcb(max)

NOTES:

1. This zone is controlled for automatic handling. The variation in actual diameter within this zone shall not exceed .010"
2. (Three Leads) (Dim. .016 min. and .019 max.) applies between (.050 max.) and (.250 min.) (Dim. .016 min. and .021 max.) applies betwee (.250 min.) and .5" from seating plane. Diameter is uncontrolled in .050 max. and beyond .5" from seating plane.
3. Measured from max. diameter of the actual device.
4. Details of outline in this zone optional.





Quality Semi-Conductors