

# New Jersey Semi-Conductor Products, Inc.

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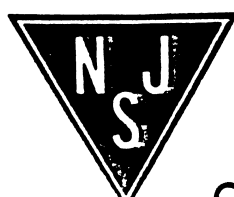
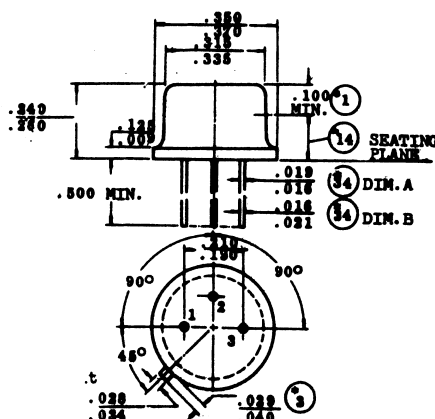
## PARAMETERS

2N5106  
SI NPN LP HF BJT

Description: Si NPN LP HF BJT

Manufacturer..... many  
Mil/High-Rel? (Y/N).....  
Vbr CEO..... 30  
Trans. Freq (Hz) Min..... 900M  
hfe.....  
    @VCE (test) (V).....  
    @Ic (A).....  
Ic Max. (A)..... 500m  
C(ob) (F)..... 8p/  
Icbo Max. @Vcb Max. (A)..... .01uX  
t(on) Delay (S).....  
Tr Max. (s).....  
t(stor) Max. (S).....  
t(f) Max. (S).....  
Max. PD (W)..... 800m  
Derate (Amb) (W/xC)..... 4.5m  
Vbr CBO..... 60  
Oper. Temp (xC) Max..... 175u  
    @ Temp (derating) test xC...  
Oper. Temp (xC) Min.....  
Pkg Style..... TO-39  
Surface Mounted (Y/N)..... N  
Pinout Equivalence Number..... 3-12

u Junction Temperature 2 It(rms) X @ Below Vcb(max) / Ccb



Quality Semi-Conductors