

# New Jersey Semi-Conductor Products, Inc.

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

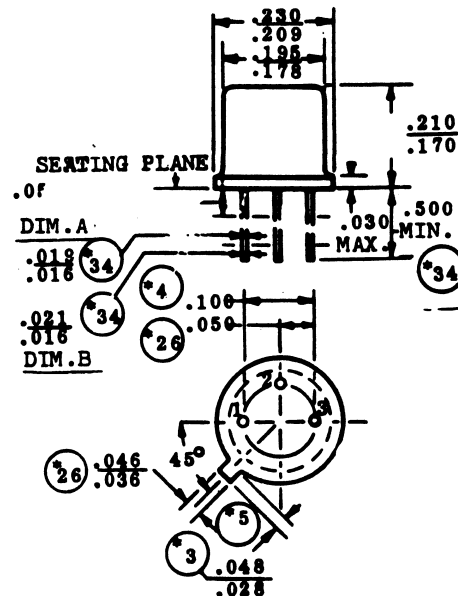
TELEPHONE: (201) 376-2922  
(212) 227-6005  
FAX: (201) 376-8960

## PARAMETERS

2N4108  
SCR, V(DRM) = 50 V TO 99.9 V

Description: SCR, V(DRM) = 50 V to 99.9 V

|                                      |       |
|--------------------------------------|-------|
| Manufacturer.....                    | many  |
| Mil/High-Rel? (Y/N).....             |       |
| V(drm) Max.....                      | 50    |
| I <sub>t</sub> (stat) Max. (A).....  | 180mA |
| @Temp. (test) (°C).....              | 75    |
| Supp Curr. I(TSM).....               | 4.0   |
| Firing Char-I <sub>gt</sub> Max..... | 200µ  |
| Firing Char-V <sub>gt</sub> Max..... | 800m  |
| I <sub>d</sub> (off) Max. (A).....   | 20µ   |
| @Temp. (test) (°C).....              | 125   |
| I(h) Max. (A).....                   | 5.0mA |
| V(T) Max.....                        | 1.6   |
| @I <sub>t</sub> (A).....             | 500mA |
| Dv/Dt Worst Case.....                |       |
| t(switch) Off Typ. Time (S)...       | 1.5µ  |
| @I <sub>t</sub> (test) (A).....      | 200mA |
| t(switch) Off Typ. Time (S)...       | 15µ   |
| Oper. Temp (°C) Min.....             | -60   |
| Oper. Temp (°C) Max.....             | 125   |
| Pkg Style.....                       | TO-18 |
| Surface Mounted (Y/N).....           | N     |



Quality Semi-Conductors