

New Jersey Semi-Conductor Products, Inc.

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

TELEPHONE: (973) 376-2922
 (212) 227-6005
 FAX: (973) 376-8960

PARAMETERS

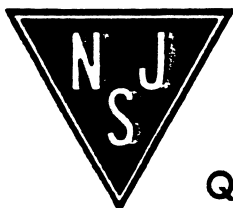
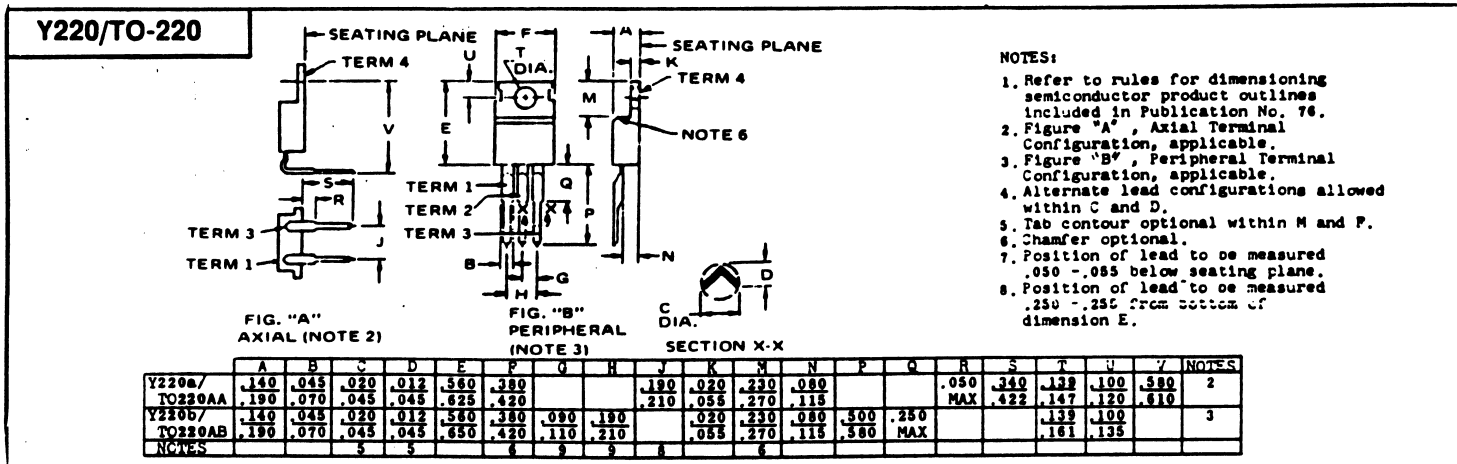
2N5296

SI NPN POWER BJT, I(C) = 2.5 A TO 4.9 A

Description: Si NPN Power BJT, I(C) = 2.5 A to 4.9 A

Manufacturer.....	
Mil/High-Rel? (Y/N).....	
Ic Max. (A).....	4.0
Vbr CEO.....	50c
Vbr CBO.....	60
Max. PD (W).....	36
Derate Above 25xC.....	288m
Min hFE.....	30
Max. hFE.....	120
@Ic (test) (A).....	1.0
@VCE (V).....	4.0
Trans. Freq (Hz) Min.....	800k
Icbo Max. @Vcb Max. (A).....	100mØ
R(sat) (j).....	555m
Tr Max. (s).....	
t(f) Max. (S).....	
Oper. Temp (xC) Max.....	140u
Pkg Style.....	T0-220AB
Surface Mounted (Y/N).....	N
Pinout Equivalence Number.....	

u Junction Temperature 2 It(rms) c BVCEr Ø ICEO



Quality Semi-Conductors