

*New Jersey Semi-Conductor Products, Inc.*

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PARAMETERS

2N6510

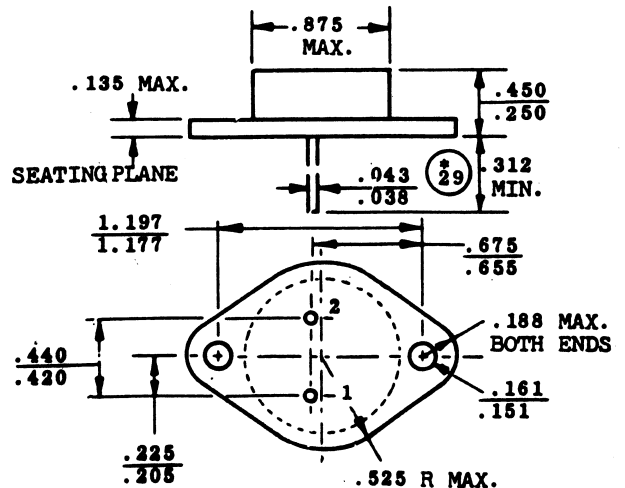
SI NPN POWER BJT, I(C) = 5 A TO 9.9 A

Description: Si NPN Power BJT, I(C) = 5 A to 9.9 A

Manufacturer.....	
Mil/High-Rel? (Y/N).....	
Ic Max. (A).....	7.0
Vbr CEO.....	200 v
Vbr CBO.....	250
Max. PD (W).....	120
Derate Above 25xC.....	686m
Min hFE.....	10
Max. hFE.....	50
@Ic (test) (A).....	3.0
@VCE (V).....	3.0
Trans. Freq (Hz) Min.....	3.0M
Icbo Max. @Vcb Max. (A).....	
R(sat) (j).....	500m
Tr Max. (s).....	1.5u
t(f) Max. (S).....	1.5u
Oper. Temp (xC) Max.....	175u
Pkg Style.....	TO-3
Surface Mounted (Y/N).....	N
Pinout Equivalence Number.....	3-14

$\mu$  Junction Temperature 2 It(rms) v BVCEO (SUS)  
 Derating Begins at 100xC

**TO-3**



Quality Semi-Conductors