

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

2N6687

SI NPN POWER BJT, I(C) = 20 A TO 49.9 A

Description: Si NPN Power BJT, I(C) = 20 A to 49.9 A

Manufacturer.....	
Mil/High-Rel? (Y/N).....	
Ic Max. (A).....	25
Vbr CEO.....	180V
Vbr CBO.....	280
Max. PD (W).....	200
Derate Above 25xC.....	1.1
Min hFE.....	25
Max. hFE.....	100
@Ic (test) (A).....	10
@VCE (V).....	2.0
Trans. Freq (Hz) Min.....	20M
Icbo Max. @Vcb Max. (A).....	50u6
R(sat) (j).....	60m
Tr Max. (s).....	350n
t(f) Max. (S).....	250n
Oper. Temp (xC) Max.....	175u
Pkg Style.....	TO-204AA
Surface Mounted (Y/N).....	N
Pinout Equivalence Number.....	3-14

u Junction Temperature 2 It(rms) v BVCEO (SUS) 6 ICEV

