

New Jersey Semi-Conductor Products, Inc.

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

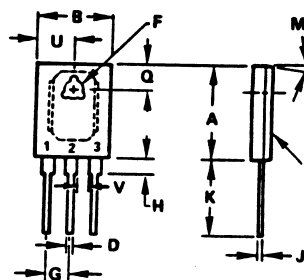
TELEPHONE: (973) 376-2920
 (212) 227-6000
 FAX: (973) 376-8960

PARAMETERS

2N5986
 SI PNP POWER BJT

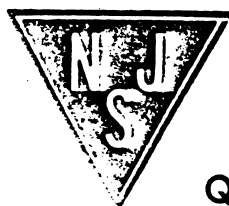
Description: Si PNP Power BJT

Mil/High-Rel? (Y/N).....	
Ic Max. (A).....	12
Vbr CEO.....	40
Vbr CBO.....	60
Max. PD (W).....	100#
Derate (Amb) (W/xC).....	800m#
Min hFE.....	20
Max. hFE.....	120
@Ic (test) (A).....	6.0
@VCE (V).....	2.0
Trans. Freq (Hz) Min.....	2.0M
Icbo Max. @Vcb Max. (A).....	2.0mX0
R(sat) (j).....	
Tr Max. (s).....	
t(f) Max. (s).....	
Oper. Temp (xC) Max.....	150u
Pkg Style.....	T0-127var
Surface Mounted (Y/N).....	N
Pinout Equivalence Number.....	3-10



- NOTES:
- DIM "D" UNCONTROLLED IN ZONE "H".
 - DIM "F" DIA THRU.
 - HEAT SINK CONTACT AREA (BOTTOM).
 - LEADS WITHIN 0.005° RAD OF TRUE POSITION (TPI) AT MAXIMUM MATERIAL CONDITION.

DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	16.13	16.38	0.635	0.645
B	12.57	12.83	0.495	0.505
C	3.18	3.43	0.125	0.135
D	1.09	1.24	0.043	0.049
F	3.51	3.76	0.138	0.148
G	4.22 BSC		0.166 BSC	
H	2.67	2.92	0.105	0.115
J	0.813	0.864	0.032	0.034
K	15.11	16.38	0.595	0.645
M	9° TYP		9° TYP	
Q	4.70	4.95	0.185	0.195
R	1.91	2.16	0.075	0.085
U	6.22	6.48	0.245	0.255
V	2.03	—	0.080	—



Quality Semi-Conductors