

# New Jersey Semi-Conductor Products, Inc.

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## TYPES 2N4058 THRU 2N4062, A5T4058 THRU A5T4062, A8T4058 THRU A8T4062 P-N-P SILICON TRANSISTORS

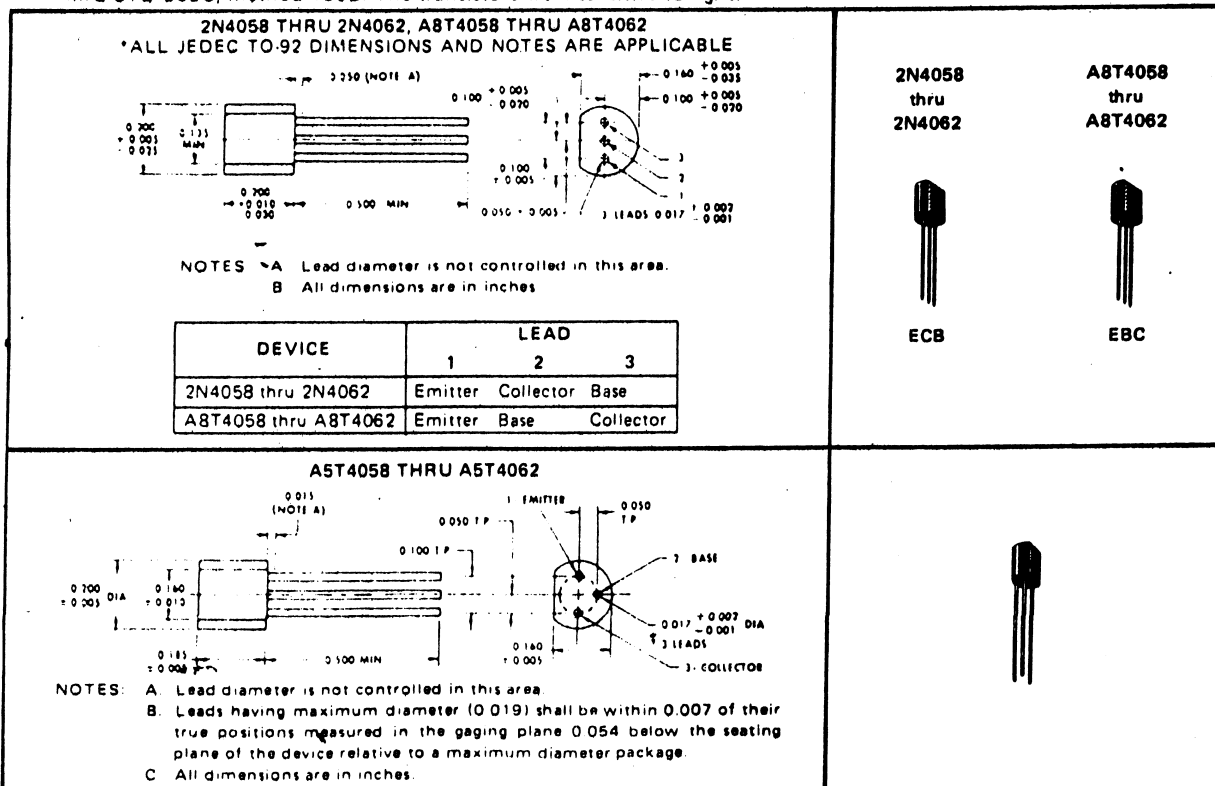
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### SILECT† TRANSISTORS‡

- Ideal for Low-Level Amplifier Applications
- Rugged One-Piece Construction with In-Line Leads or Standard TO-18 100-mil Pin-Circle Configuration
- Recommended for Complementary Use with 2N3707 thru 2N3711, A5T3707 thru A5T3711, or A8T3707 thru A8T3711

#### mechanical data

These transistors are encapsulated in a plastic compound specifically designed for this purpose, using a highly mechanized process developed by Texas Instruments. The case will withstand soldering temperatures without deformation. These devices exhibit stable characteristics under high-humidity conditions and are capable of meeting MIL-STD-202C, Method 106B. The transistors are insensitive to light.



#### absolute maximum ratings at 25°C free-air temperature (unless otherwise noted)

Collector-Base Voltage	-30 V*
Collector-Emitter Voltage (See Note 1)	-30 V*
Emitter-Base Voltage	-6 V*
Continuous Collector Current	-30 mA*
Continuous Device Dissipation at (or below) 25°C Free-Air Temperature (See Note 2)	<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">}</div> <div>                     625 mW* 360 mW*                 </div> </div>
Storage Temperature Range	-65°C to 150°C*
Lead Temperature 1/16 Inch from Case for 10 Seconds	260°C*

NOTES: 1. This value applies when the base-emitter diode is open-circuited.  
2. Derate the 625-mW rating linearly to 150°C free-air temperature at the rate of 5 mW/°C. Derate the 360-mW (JEDEC registered) rating linearly to 150°C free-air temperature at the rate of 2.88 mW/°C.

\*The asterisk identifies JEDEC registered data for the 2N4058 through 2N4062 only. This data sheet contains all applicable registered data in effect at the time of publication.