

New Jersey Semi-Conductor Products, Inc.

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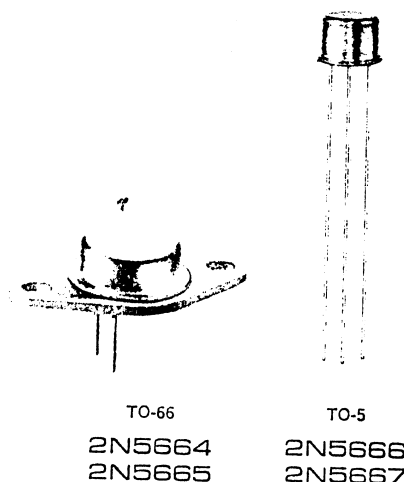
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SILICON PLANAR NPN POWER TRANSISTORS

2N5664-2N5667

5 AMP HIGH VOLTAGE
SWITCHING TRANSISTORS

- ☐ Available as JAN and JANTX types.
- ☐ High Operating Voltages: V_{CE} to 400V Min.
- ☐ High Operating Voltages: V_{CEO} to 300V Min.
- ☐ Fast Switching: T_{ON} 250 nsec.
- ☐ Fast Switching: T_{OFF} 1500 nsec.
- ☐ Low Saturation Voltages: 1.0V max. @ 5A.
- ☐ Beta Guaranteed at 4 Current Levels.



Absolute Maximum Ratings

Collector-Base Voltage	2N5664 2N5666 250V	2N5665 2N5667 400V
Collector-Emitter Voltage, V_{CEO}	200V	300V
V_{CE}	250V	400V
Emitter-Base Voltage	6V	6V
D.C. Collector Current	5A	5A
Peak Collector Current	10A	10A
Power Dissipation at 25°C Ambient Temperature	2N5664 2N5665 2.5W	2N5666 2N5667 1.2W
Power Dissipation at 100°C Case Temperature	30W	15W
Operating and Storage Temperature Range	-65 to 200°C	