

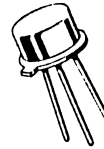
New Jersey Semi-Conductor Products, Inc.

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

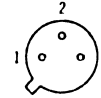
TELEPHONE: (973) 376-2922
 (212) 227-6005
 FAX: (973) 376-8960

2N2959

NPN silicon annular transistors for high-speed switching and amplifier applications.



(TO-39)



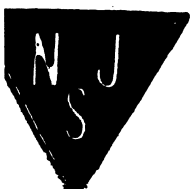
STYLE 1:
 PIN 1. EMITTER
 2. BASE
 3. COLLECTOR

Collector connected to case

*MAXIMUM RATINGS

Rating	Symbol		Unit
Collector-Base Voltage	V_{CB}	60	Vdc
Collector-Emitter Voltage	V_{CEO}	20	Vdc
Emitter-Base Voltage	V_{EB}	5.0	Vdc
Collector-Current	I_C	600	mAdc
Total Device Dissipation 25°C Case Temperature Derate above 25°C	P_D	3.0 20	Watts mW/°C
Total Device Dissipation 25°C Ambient Temperature Derate above 25°C	P_D	0.6 4.00	Watts mW/°C
Junction Temperature Range	T_J	-65 to +175	°C
Storage Temperature Range	T_{stg}	-65 to +200	°C

* Indicates JEDEC Registered Data



NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.