

**Description**

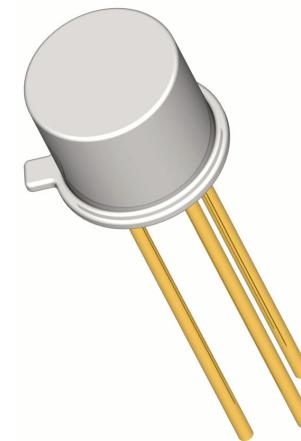
SEMICOA Corporation offers:

- Screening and processing per MIL-PRF-19500 Appendix E
- JAN level (2N4029J)
- JANTX level (2N4029JX) and
- JANTXV level (2N4029JV)
- JANS level (2N4029JS)
- JANSR level (2N4029SR)
- QCI to the applicable level
- 100% die visual inspection per MIL-STD-750 method 2072 for JANTXV
- Radiation testing (total dose) upon request

Please contact SEMICOA for special configurations  
[www.SEMICOA.com](http://www.SEMICOA.com) or (714) 979-1900

**Applications**

- High-speed switching
- Low Power
- PNP silicon transistor

**Features**

- Hermetically sealed TO-18 metal can
- Also available in chip configuration
- Chip geometry 6700
- Reference document: MIL-PRF-19500/512

**Benefits**

- Qualification Levels: JAN, JANTX, JANTXV, JANS and JANSR
- Radiation testing available

<b>Absolute Maximum Ratings</b>		<b>T<sub>c</sub> = 25°C unless otherwise specified</b>	
<b>Parameter</b>	<b>Symbol</b>	<b>Rating</b>	<b>Unit</b>
Collector-Emitter Voltage	V <sub>CEO</sub>	80	Volts
Collector-Base Voltage	V <sub>CBO</sub>	80	Volts
Emitter-Base Voltage	V <sub>EBO</sub>	5	Volts
Collector Current, Continuous	I <sub>C</sub>	1	A
Power Dissipation, T <sub>A</sub> = 25°C Derate linearly above 37.5°C	P <sub>T</sub>	0.5 3.08	W mW/°C
Thermal Resistance	R <sub>θJA</sub>	325	°C/W
Operating Junction Temperature	T <sub>J</sub>	-65 to +200	°C
Storage Temperature	T <sub>STG</sub>	-65 to +200	°C

