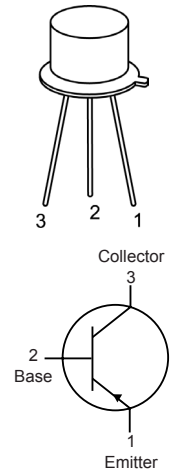


**RoHS  
Compliant**



## Description:

### Amplifier and Switches

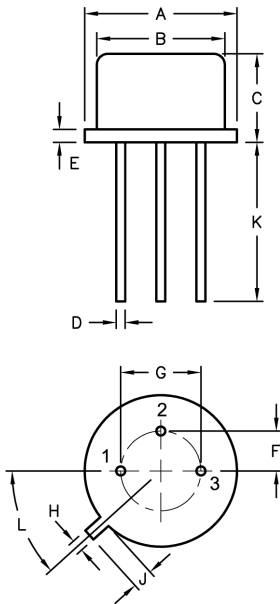
The 2N3251A is a silicon Planer Epitaxial PNP transistor in JEDEC TO-18 metal case. They are suited for switching and amplifier applications

### Pin Configuration:

1. Emitter
2. Base
3. Collector

## Maximum Ratings:

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	$V_{CBO}$	60	V
Collector-Emitter Voltage	$V_{CEO}$	60	
Emitter-Base Voltage	$V_{EBO}$	5	
Continuous Collector Current	$I_C$	0.2	A
Total Device Dissipation ( $T_A = +25^\circ\text{C}$ ), Derate above $25^\circ\text{C}$	$P_D$	0.36	mW
Total Device Dissipation ( $T_C = +25^\circ\text{C}$ ), Derate above $25^\circ\text{C}$		2.06	$\text{mW}/^\circ\text{C}$
Operating Junction Temperature Range	$T_J$	-55 to +150	$^\circ\text{C}$
Storage Temperature Range	$T_{stg}$		
Thermal Resistance, Junction-to-Case	$R_{thJC}$	146	$^\circ\text{C}/\text{W}$
Thermal Resistance, Junction-to Ambient	$R_{thJA}$	486	



Dimensions	Min.	Max.
A	5.24	5.84
B	4.52	4.97
C	4.31	5.33
D	0.4	0.53
E	-	0.76
F	-	1.27
G	-	2.97
H	0.91	1.17
J	0.71	1.21
K	12.7	-
I	45°	45°

Dimensions : Millimetres

**Pin Configuration:**

- 1. Emitter
- 2. Base
- 3. Collector

**Part Number Table**

Description	Part Number
Transistor, PNP, 0.2A, 60V, TO-18	2N3251A

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