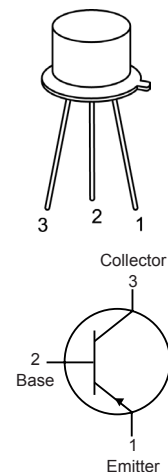


**RoHS
Compliant**



Description:

Amplifier and Switches

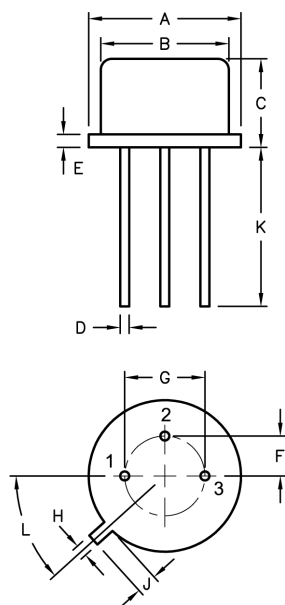
The 2N3251A is a silicon Planer Epitaxial PNP transistor in JEDEC TO-18 metal case. They are suited for switching and amplifier applications

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°C	P_D	0.36 2.06	mW mW/ $^\circ\text{C}$
Total Device Dissipation ($T_C = +25^\circ\text{C}$), Derate above 25°C		1.2 6.9	W 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	$^\circ\text{C/W}$
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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