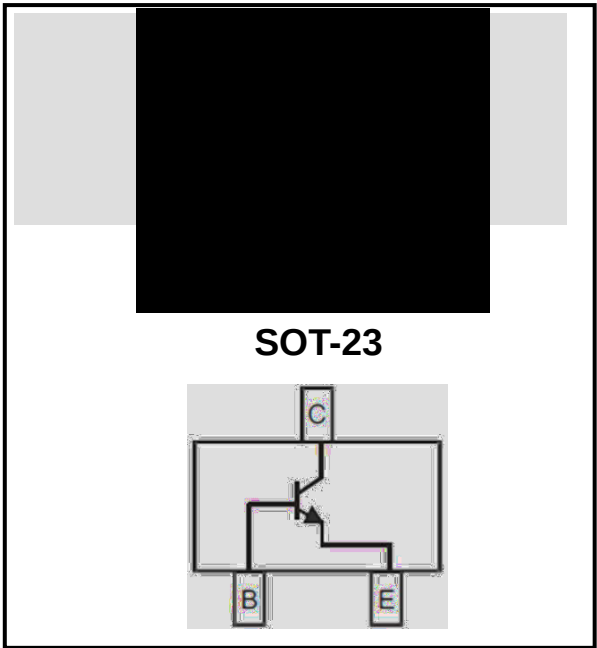


NPN General Purpose Amplifier



Features

- Epoxy meets U= " means AEC-Q101 qualified

Mechanical Data

- Package: SOT-23
- Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Marking 491

■ Maximum Ratings (Ta=25 Unless otherwise specified)

Item	Symbol	Unit	Value
Collector-Base Voltage	V_{CBO}	V	80
Collector-Emitter Voltage	V_{CEO}	V	60
Collector Current	I_C	A	1
Collector Power Dissipation (*)	P_C	mW	300
Thermal Resistance From Junction to Ambient (*)	$R_{\theta JA}$	K/W	417
Operation Junction Temperature	T_J		-55 to +150
Storage Temperature	T_{STG}		-55 to +150

(*) Device mounted on FR-4 PCB 1.0 x 1.0 x 0.06 inch

v(OHFWULFDO &K&UDFWH&QDQWFRWKHU&LVH VSHFLILHG

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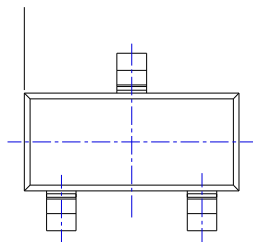
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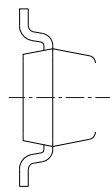




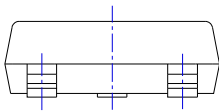
■SOT-23 Package Outline Dimensions & Suggested Pad Layout



TOP VIEW



SIDE VIEW



UNIT mm

SUGGESTED SOLDER PAD LAYOUT



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