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2N4401

Rev.G Dec.-2021



DATA SHEET

/ Descriptions

TO-92 NPN Silicon NPN transistor in a TO-92 Plastic Package.

/ Features

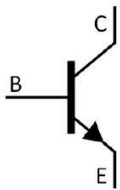
High current, Low voltage.

/ Applications

I_C 500mA

Medium power amplifier and switch requiring collector currents up to 500 mA.

/ Equivalent Circuit



/ Pinning



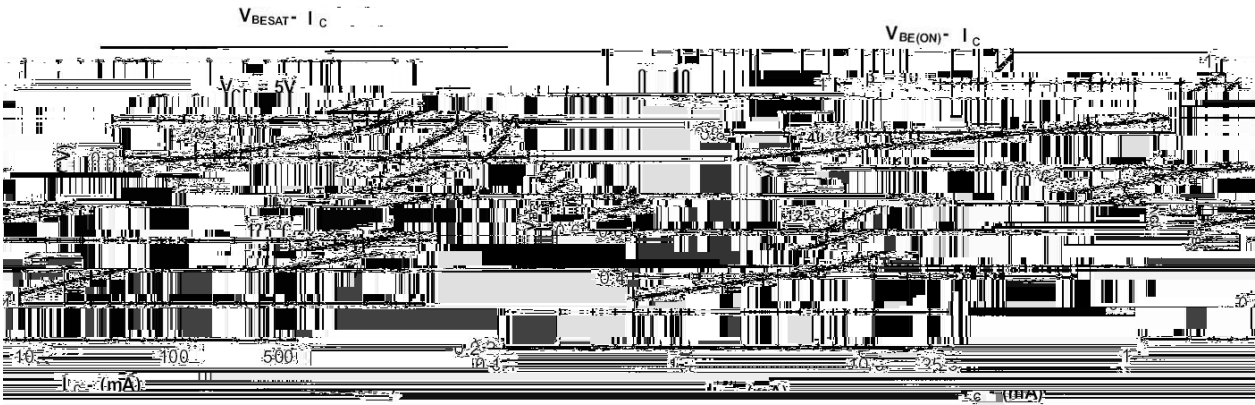
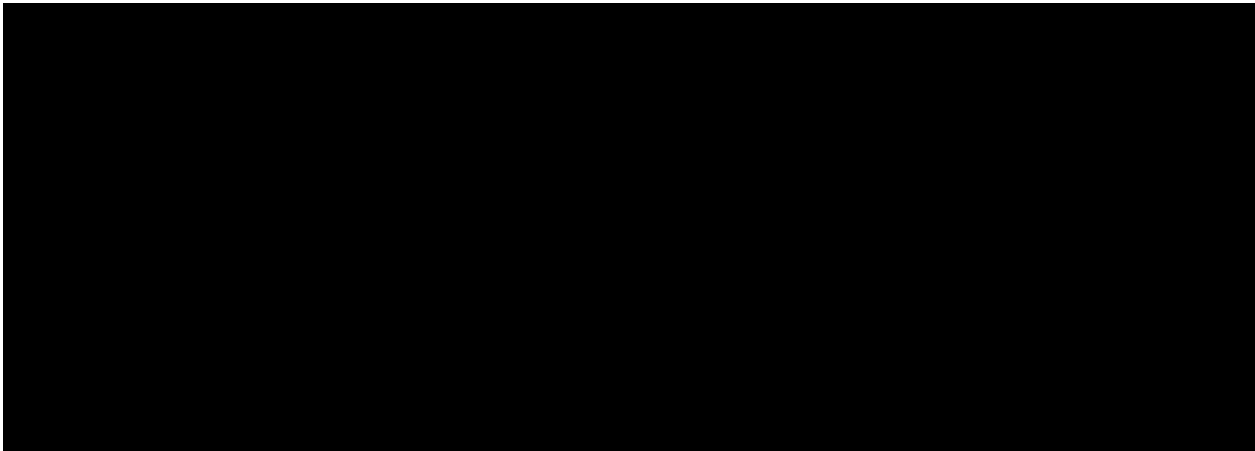
PIN1 Collector PIN 2 Base PIN 3 Emitter

/ h_{FE} Classifications & Marking

See Marking Instructions.

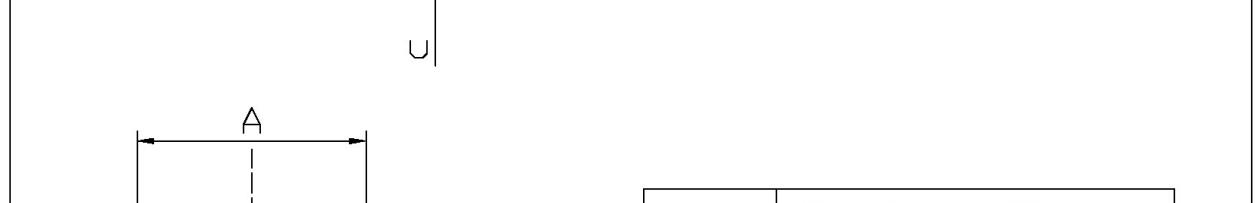
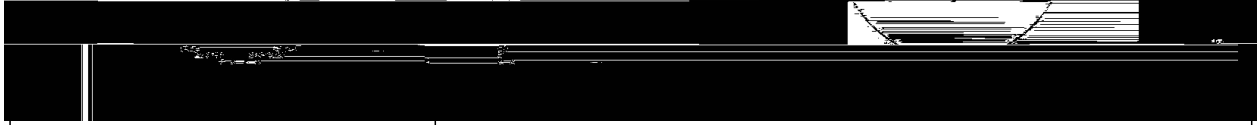
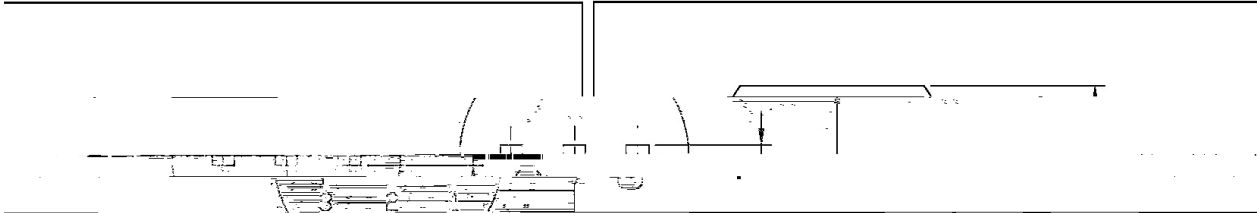
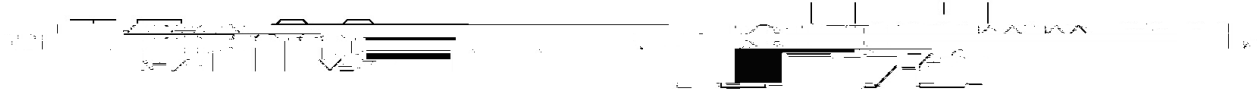
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	60	V
Collector to Emitter Voltage	V_{CEO}	40	V

/ Electrical Characteristic Curve

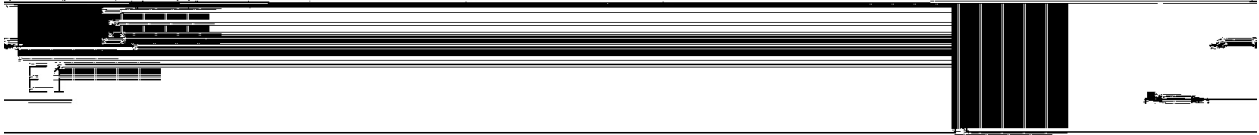
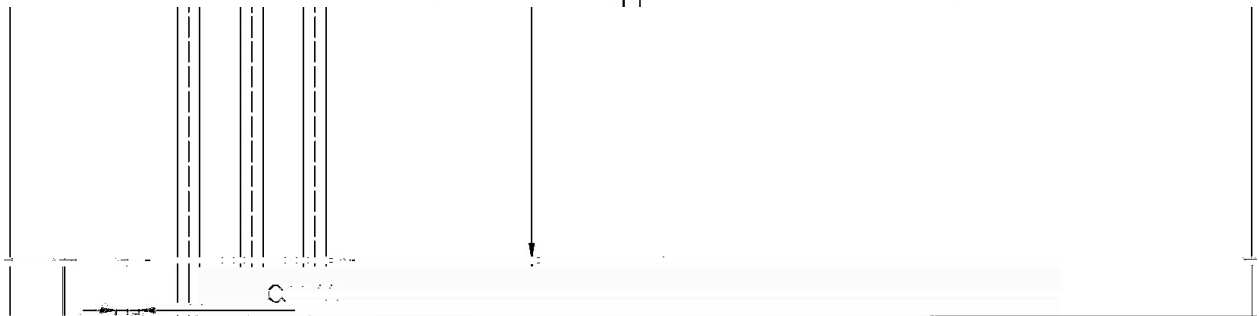
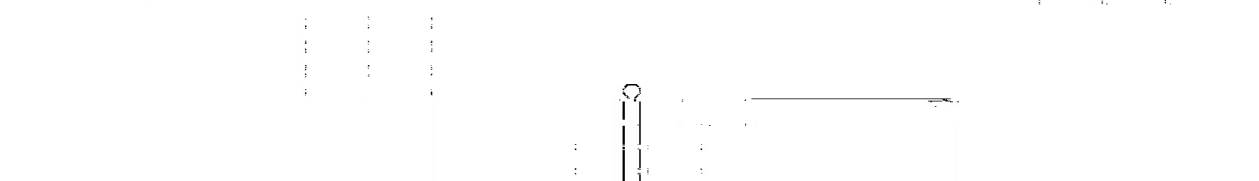
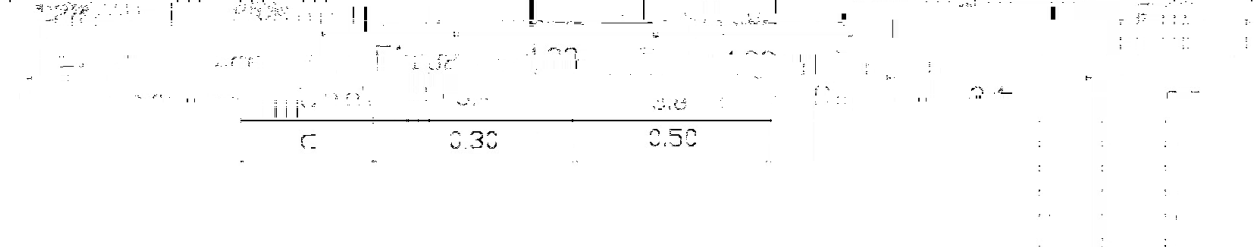




/ Package Dimensions



Dimensions In Millimeters	
Symbol	Value
A	4.4
B	2.5
D	0.3
E	0.40
F	0.30
G	0.50



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