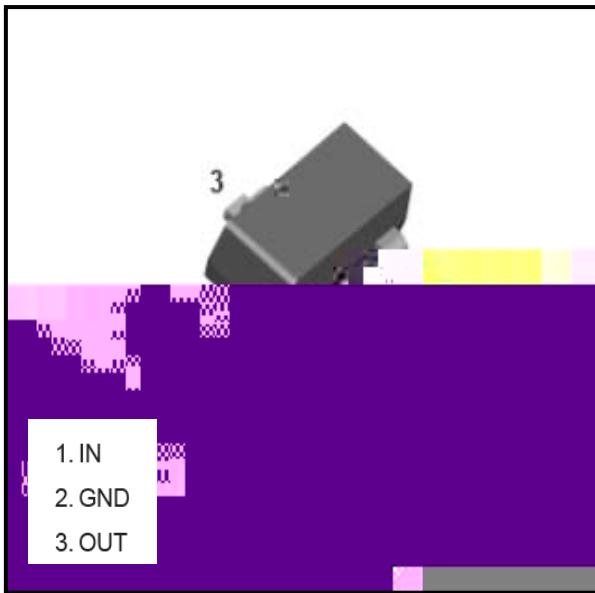


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Digital Transistors (Built-in Resistors)



Features

- Epoxy meets UL-94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Built-in bias resistors enable the configuration of an inverter circuit without connecting external input resistors
- Surface mount package ideally Suited for Automatic Insertion
- PNP

Mechanical Data

Package: SOT-23

Terminals:

Symbol	Parameter	Unit	Typical Value	Max. Value
V_{CC}	Supply Voltage	V	-50	-
V_{IN}	Input Voltage	V	-10 to +5	-
I_o	Output Current	mA	-100	-
P_D	Power Dissipation	mW	200	-
T_j	Junction Temperature	-	150	-
T_{STG}	Storage Temperature	-	-55 to +150	-



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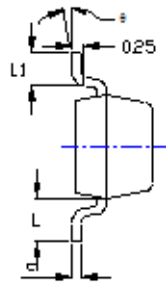
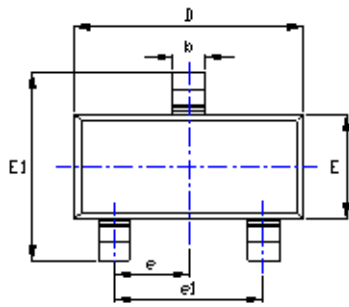
Electrical Characteristics (Ta=25 unless otherwise specified)

ITEM	SYMBOL	UNIT	CONDITIONS	MIN	TYP	MAX
Input voltage	$V_{I(off)}$	V	$V_{CC}=-5V, I_C=-100\mu A$	-0.3		

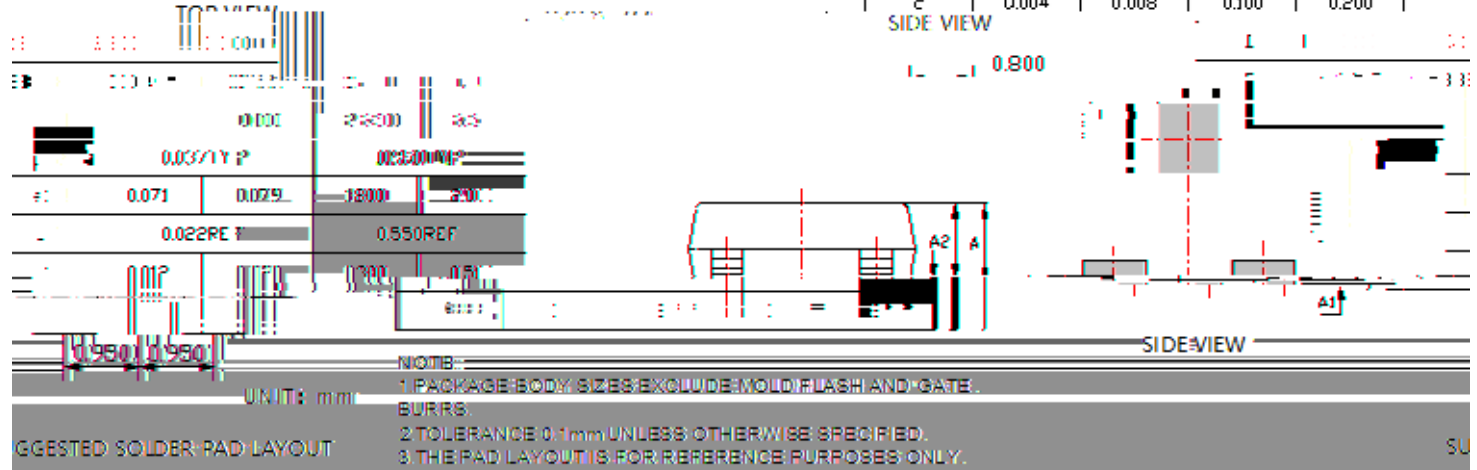


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SOT-23 Package Outline Dimensions



SYMBOL	DIMENSIONS			
	INCHES		Millimeter	
	MIN.	MAX.	MIN.	MAX.
A	0.035	0.045	0.900	1.150
A1	0.000	0.004	0.000	0.100
A2	0.035	0.041	0.900	1.050
b	0.012	0.020	0.300	0.500
c	0.004	0.008	0.100	0.200





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Disclaimer

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The product listed herein is designed to be used with ordinaryR ©i rYan h á m 4 c 0 m