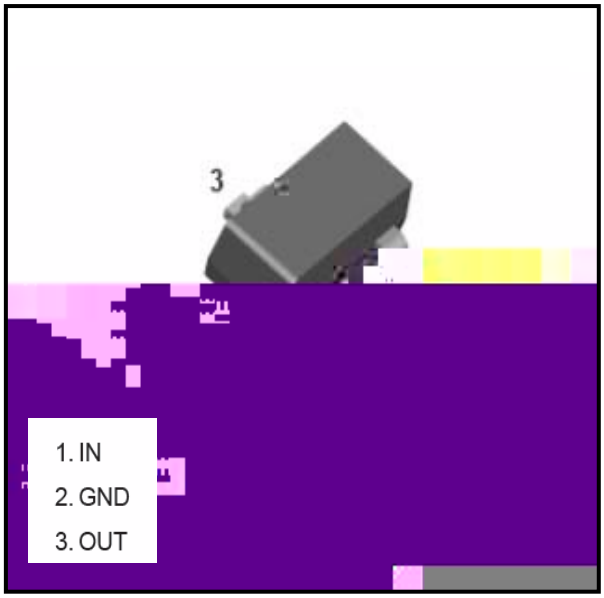
RoHS
COMPLIANT

DTA113ZCA

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**:

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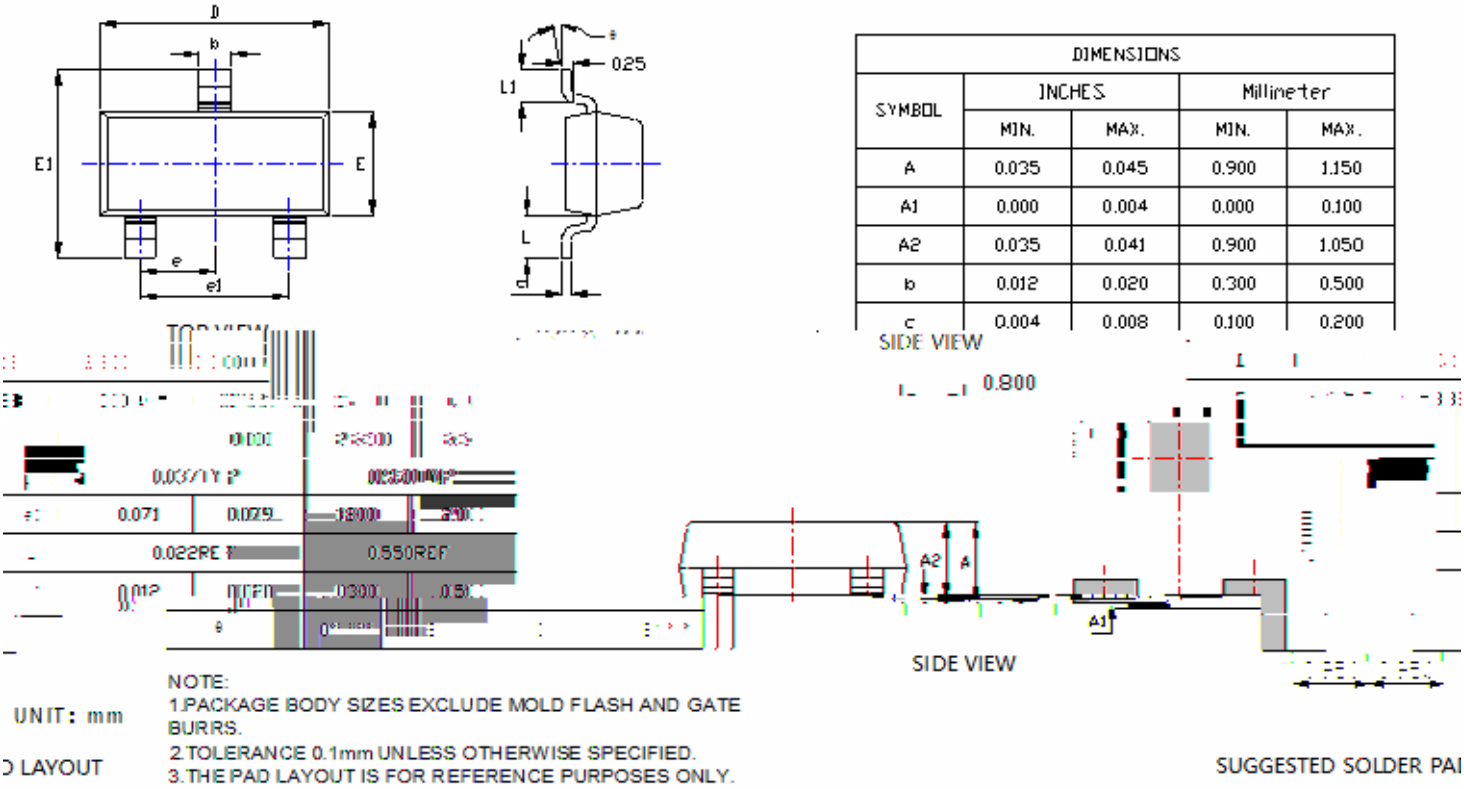
Supply Voltage	V_{CC}	V		-50
Input Voltage	V_{IN}	V		-10 to +5
Output Current	I_O	mA		-100
Power Dissipation	P_D	mW		200
Junction Temperature	Tj			150
Storage Temperature	T_{STG}			-55 to +150

■**Electrical Characteristics** (Ta=25 unless otherwise specified)

ITEM	SYMBOL	UNIT	CONDITIONS	MIN	TYP	MAX
Input voltage	$VI_{(off)}$	V	V_{CC}=-5V,Ic=-100uA	-0.3		Ñ Î m p ȳ l

■SOT-23 Package Outline Dimensions



DIMENSIONS				
SYMBOL	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

[redacted]

Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary R 7 K | i rYan h] E m º c ضـ ר 0 m p פ