

PNP Transistor



Features

- Epoxy meets UL-94 V-0 flammability rating
- Halogen free available upon request by adding suffix "HF"
- Moisture Sensitivity Level 1
- High Conductance
- Surface mount package ideally Suited for Automatic Insertion

Mechanical Data

- Package:** SOT-23
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Marking:** 9B

Maximum Ratings (Ta=25 unless otherwise noted)

Item	Symbol	Unit	Value
Collector-Base Voltage	V_{CBO}	V	-40
Collector-Emitter Voltage	V_{CEO}	V	-40
Emitter-Base Voltage	V_{EBO}	V	-5
Collector Current	I_c	A	-1
Collector Power Dissipation	P_c	mW	300
Junction Temperature	T_j		150
Storage Temperature	T_{stg}		-55 to +150



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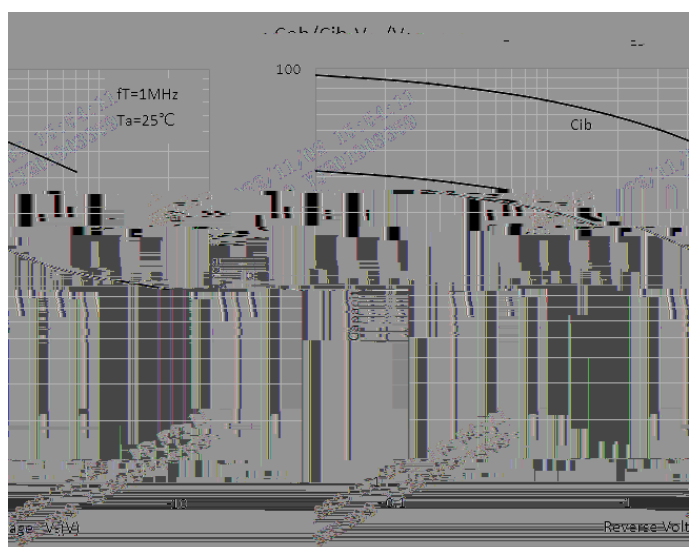
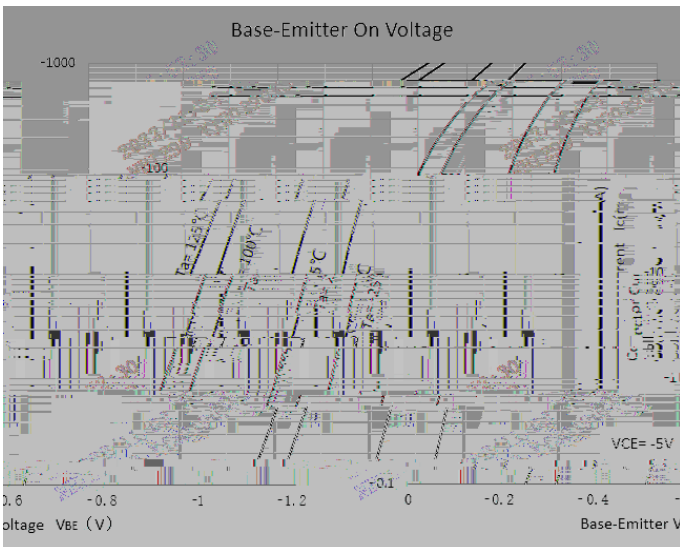
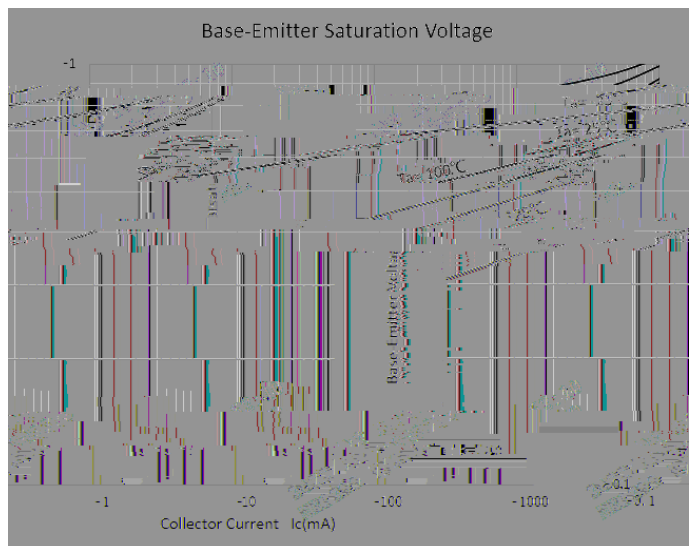
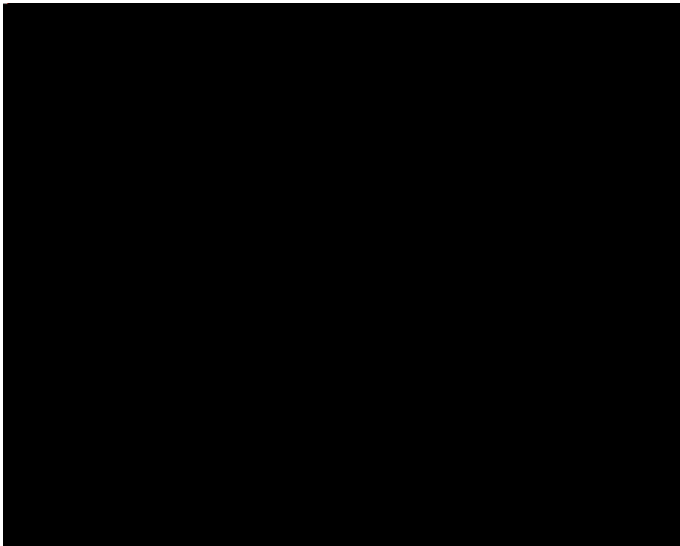
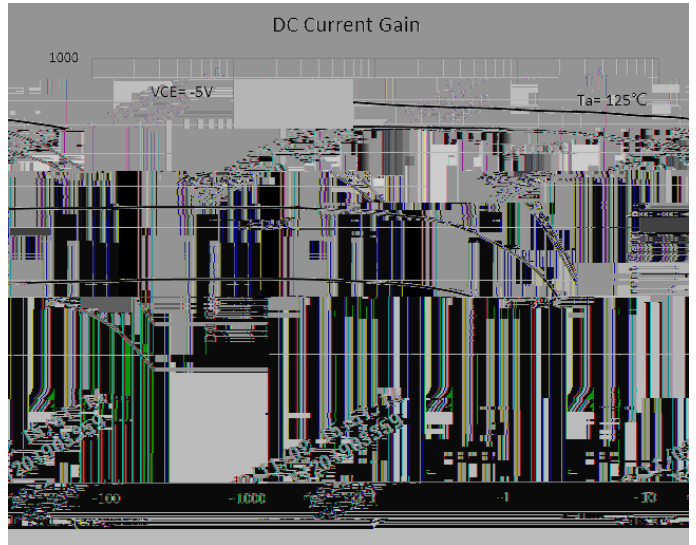
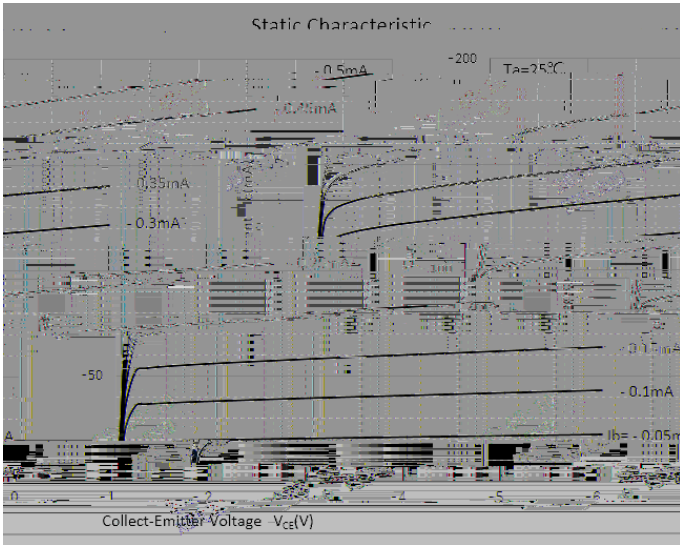
Electrical Characteristics (Ta=25 unless otherwise noted)

	Symbol	Unit	F DI	T	gh 1 nf
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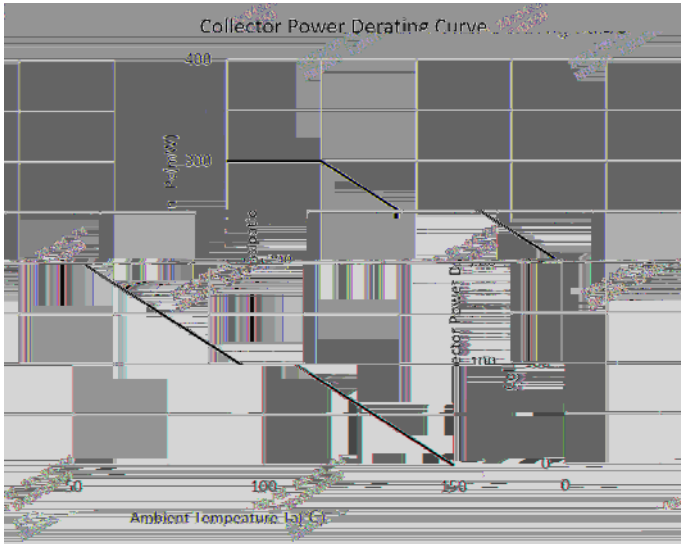
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Characteristics (Typical)

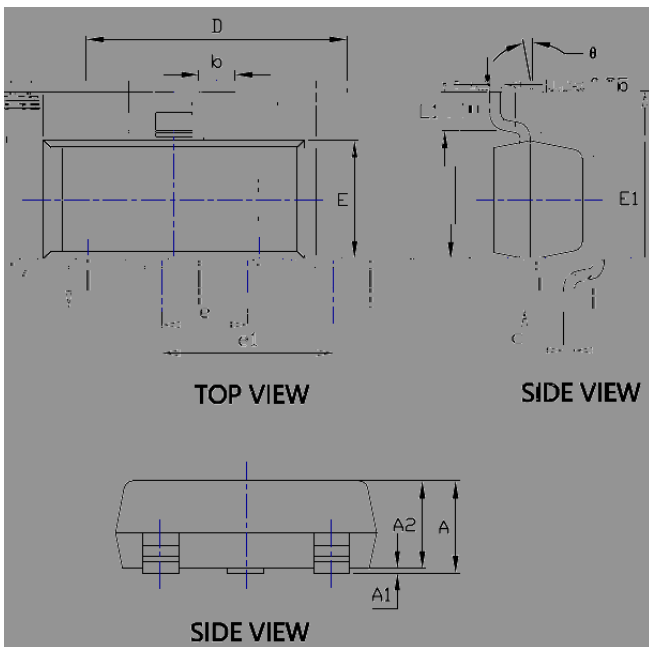




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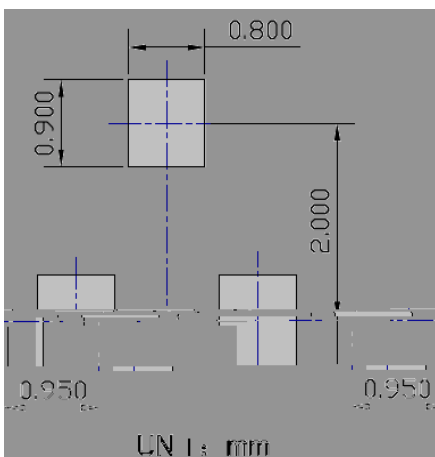


SOT-23 Package Outline Dimensions



SYMBOL	DIMENSIONS	
	INCHES	Millimeter
D	0.126	3.20
b	0.075	1.90
E	0.050	1.27
e1	0.071	1.80
A1	0.028	0.71
A2	0.025	0.63
θ	8°	8°

SOT-23 Soldering Footprint





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Disclaimer

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