

## 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



# PMMT591A

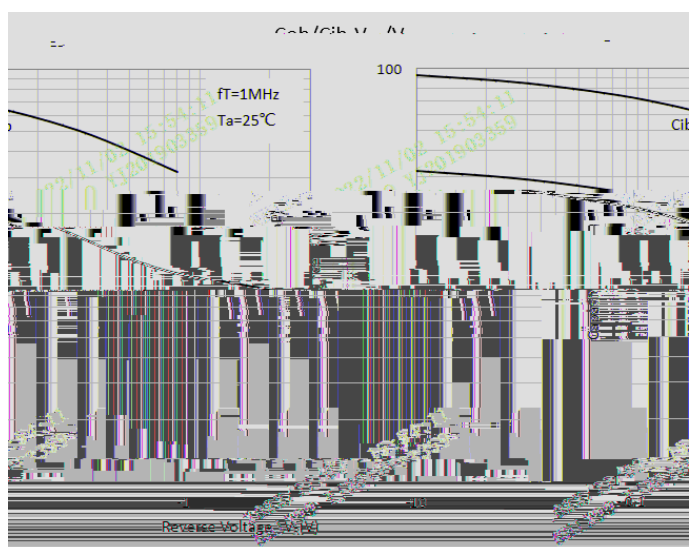
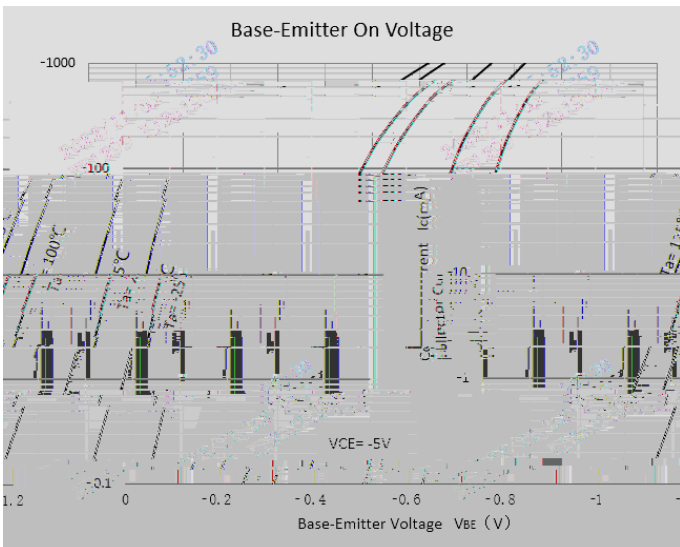
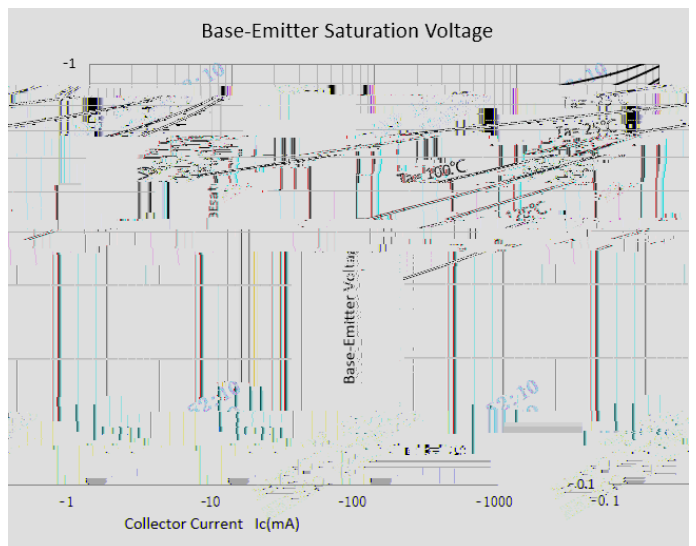
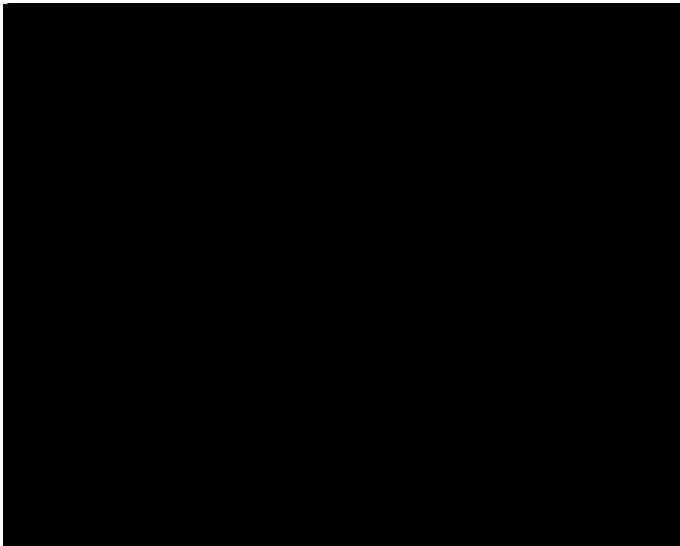
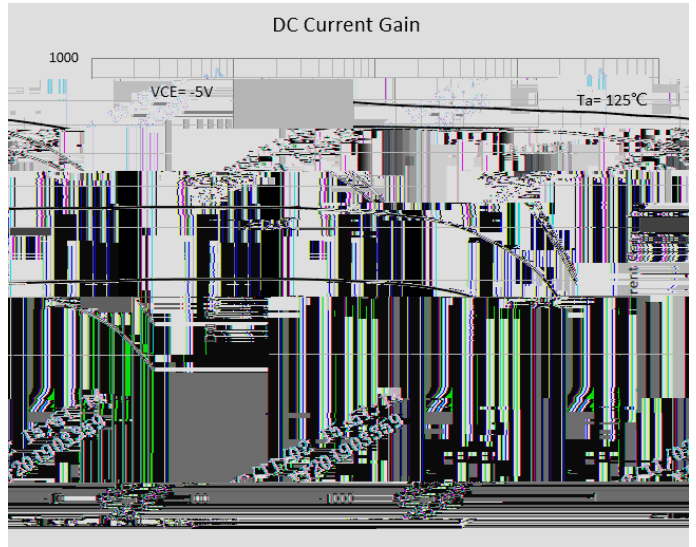
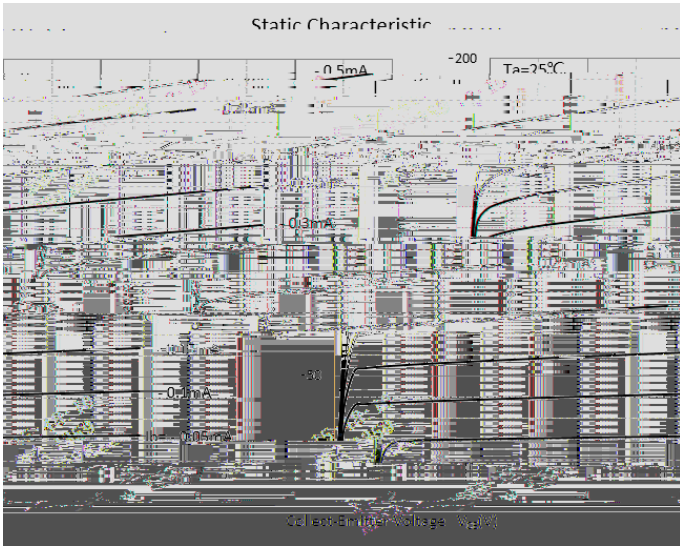
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Electrical Characteristics (Ta=25 unless otherwise noted)



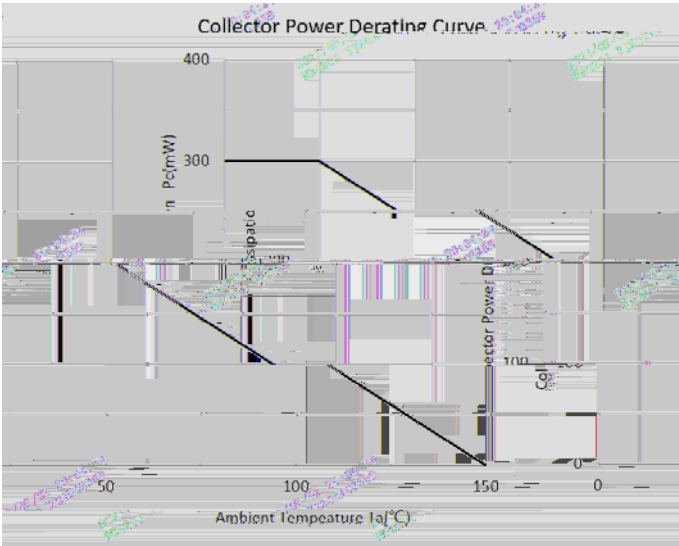
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## Characteristics (Typical)

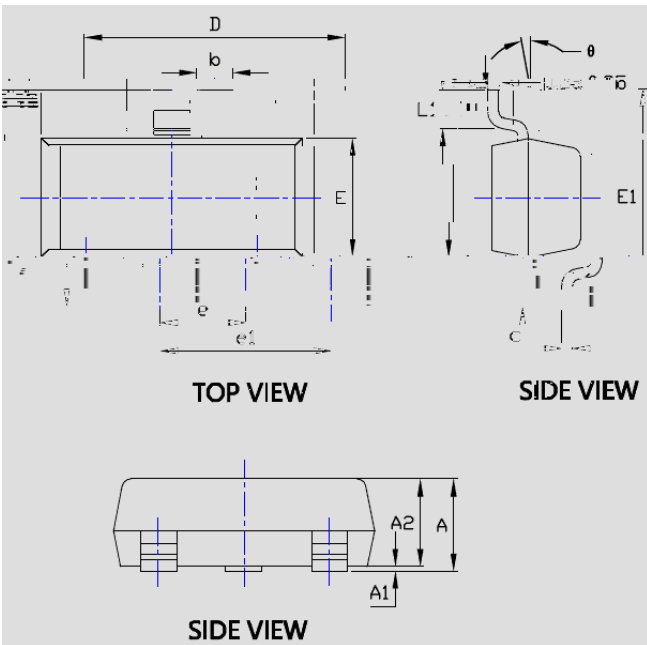




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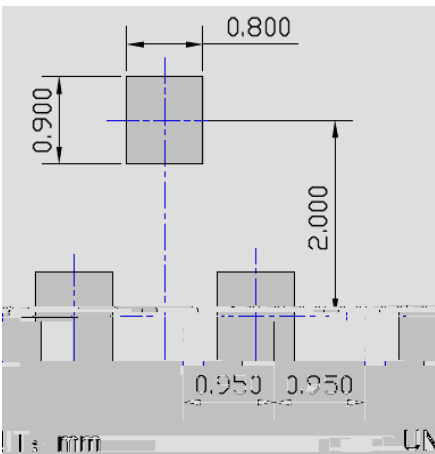


## SOT-23 Package Outline Dimensions



SYMBOL	DIMENSIONS	
	INCHES	Millimeter
A	0.235	5.90
A1	0.000	0.000
A2	0.335	8.50
b	0.020	0.500
C	0.004	0.100
D	0.000	0.000
E	0.000	0.000
E1	0.000	0.000
e1	0.000	0.000
L	0.000	0.000
L1	0.000	0.000
θ	0°	0°

## SOT-23 Soldering Footprint





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### Disclaimer

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