

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

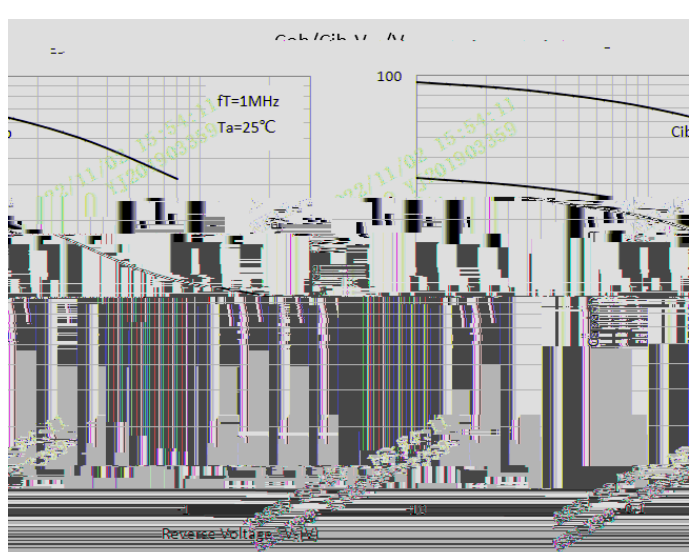
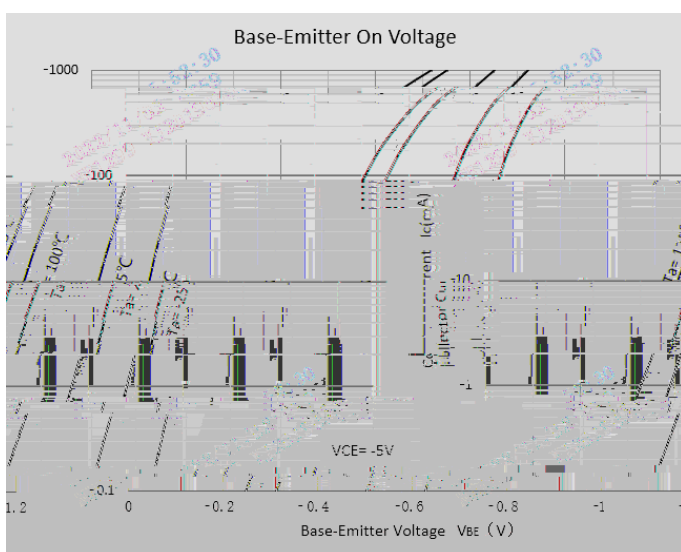
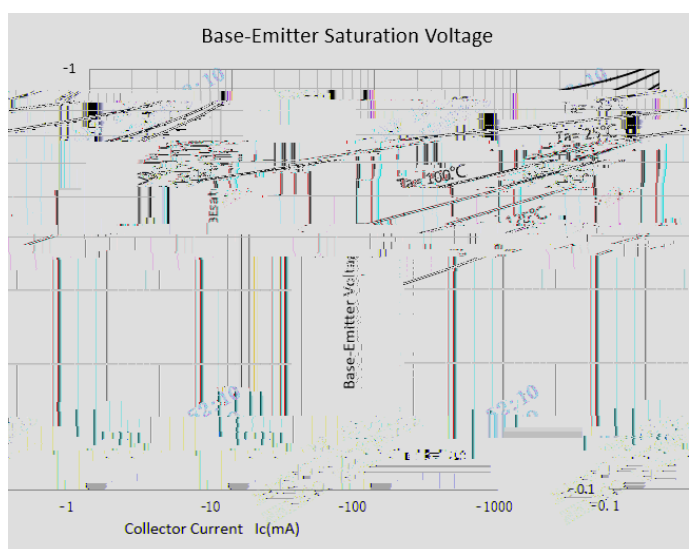
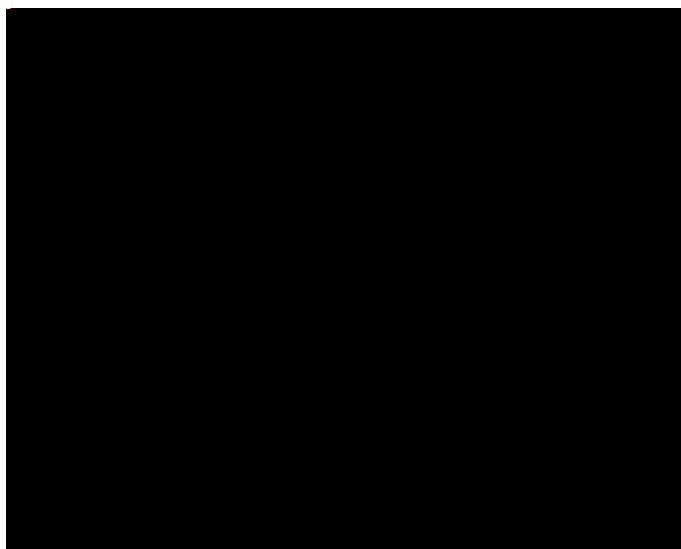
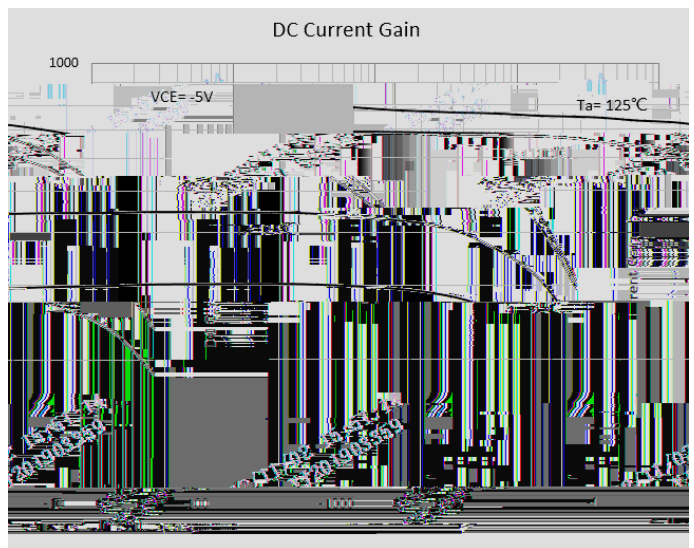
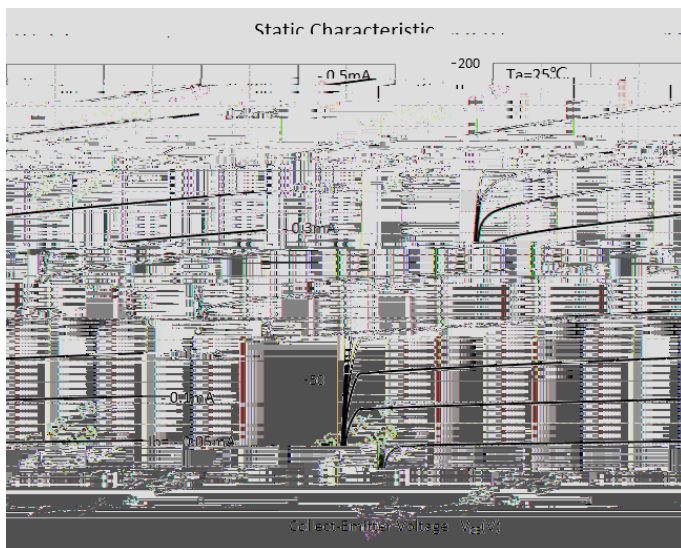


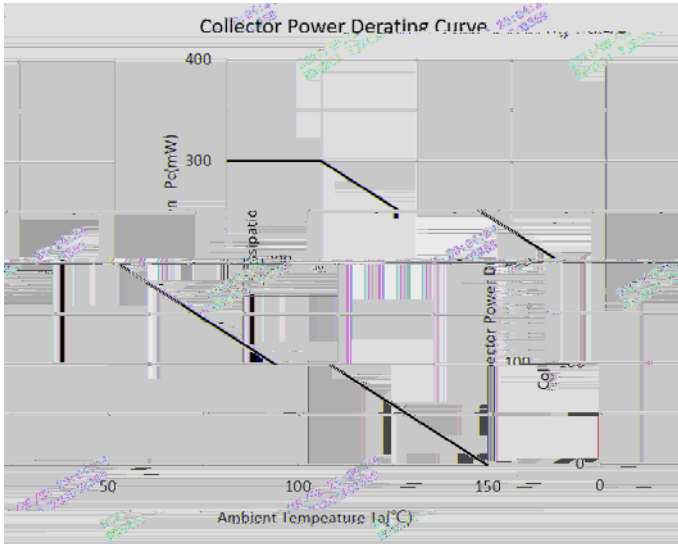
■ Electrical Characteristics (Ta=25 unless otherwise noted)



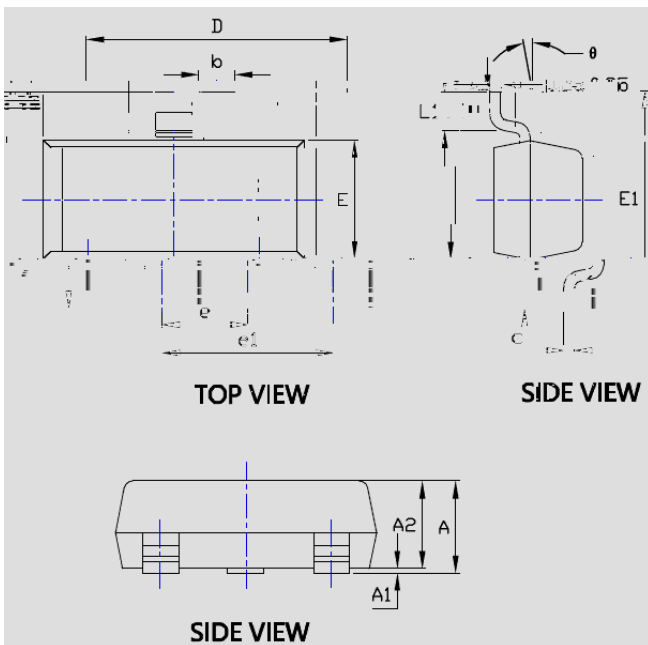
PMMT591A

■ Characteristics (Typical)



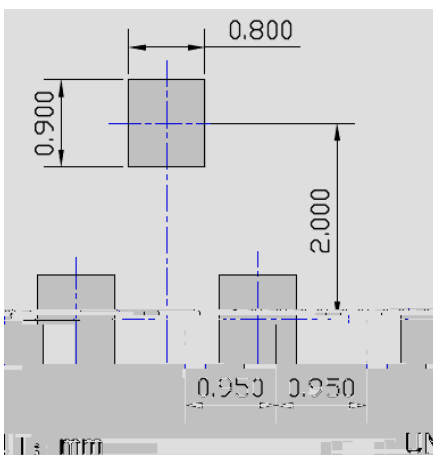


■SOT-23 Package Outline Dimensions



SYMBOL	DIMENSIONS	
	INCHES	Millimeter
A1	0.000	0.000
A2	0.035	0.900
b	0.012	0.300
E	0.034	0.860
e	0.000	0.000
e1	0.000	0.000
θ	0°	0°
D	0.035	0.900
E	0.034	0.860
e	0.000	0.000
e1	0.000	0.000
A1	0.000	0.000
A2	0.035	0.900
b	0.012	0.300
E	0.034	0.860
e	0.000	0.000
e1	0.000	0.000
θ	0°	0°

■SOT-23 Soldering Footprint





Disclaimer

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