



NPN General Purpose Amplifier transistors



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-323

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free

Terminals:

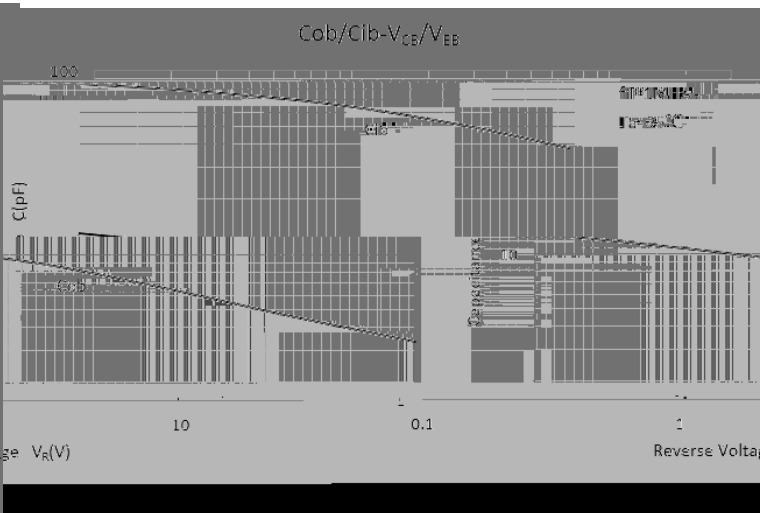
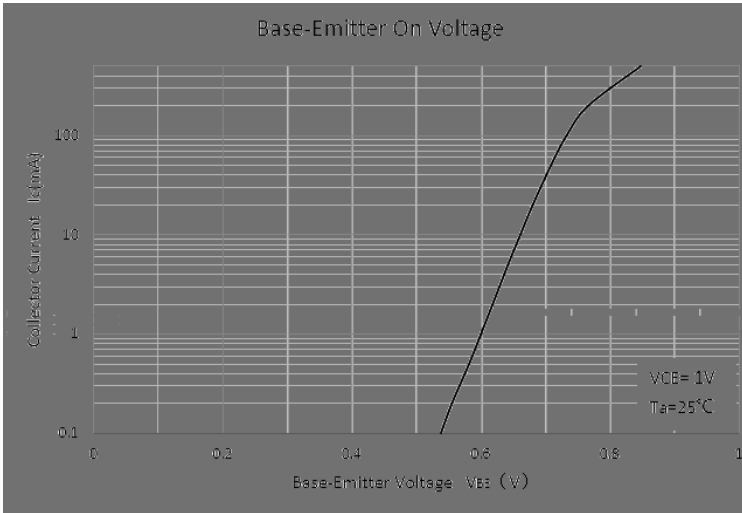
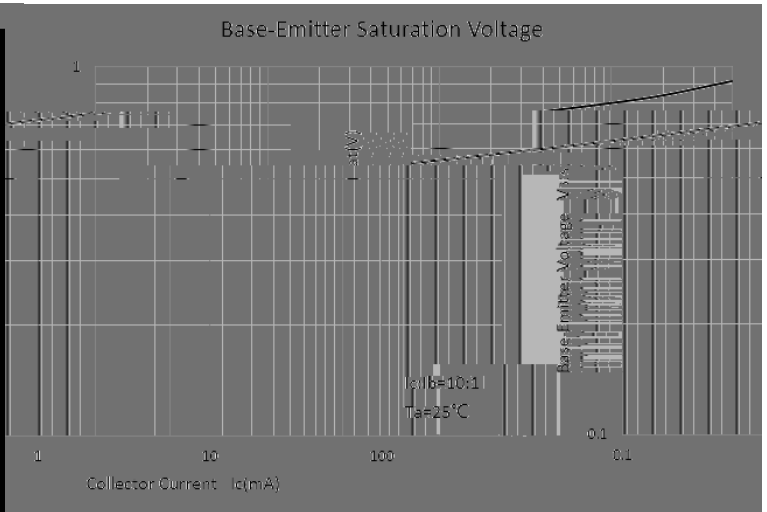
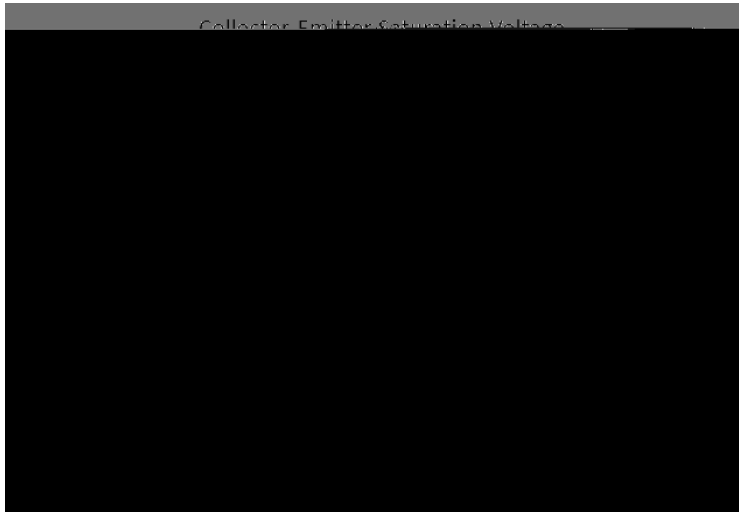
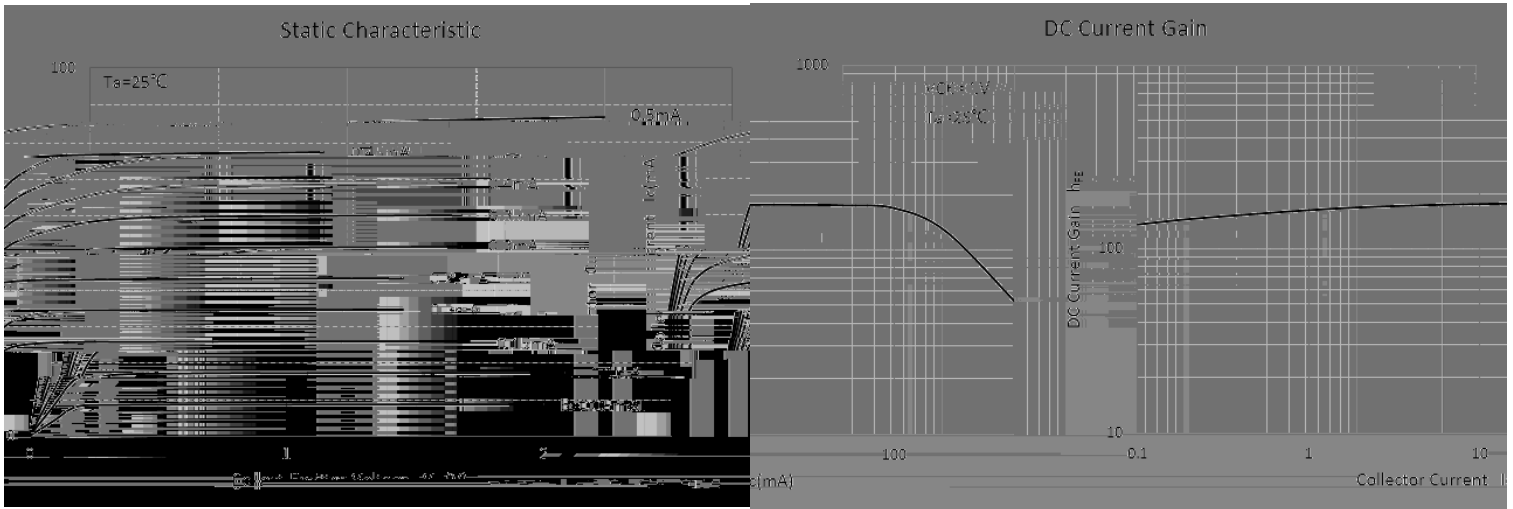
MMSTA05	1H
MMSTA06	1GM

Collector-Base Voltage	V_{CBO} MMSTA05 MMSTA06	60 80	V
Collector-Emitter Voltage	V_{CEO} MMSTA05 MMSTA06	60 80	V
Emitter-Base Voltage	V_{EBO}	4	V
Collector Current	I_C	500	mA
Collector Power Dissipation	P_C	200	mW
Operation Junction Temperature	T_j	150	
Storage Temperature	T_{stg}	-55 to +150	

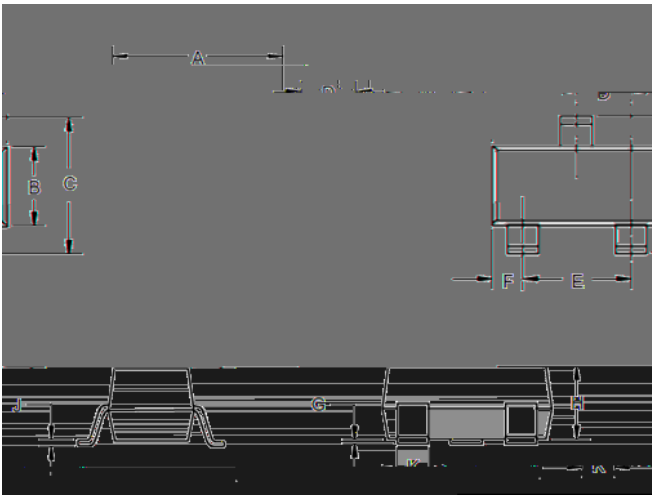




Characteristics(Typical)

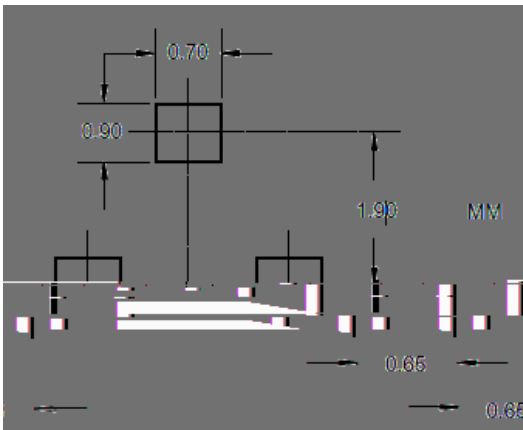


SOT-323 Package Outline Dimensions



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.071	.087	1.80	2.20	
B	.035	.043	.91	.98	
C	.089	.096	2.26	2.45	
D	.026 Nominal		0.65 Nominal		
E	.147	.055	3.71	1.41	
F	.035	.039	.91	1.00	
G	.090	.100	2.29	2.54	

SOT-323 Soldering Footprint





Disclaimer

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