



Moisture Sensitivity Level 1
Surface mount package ideally Suited for Automatic
Insertion
Epoxy meets UL-94 V-0 flammability rating, halogen-free

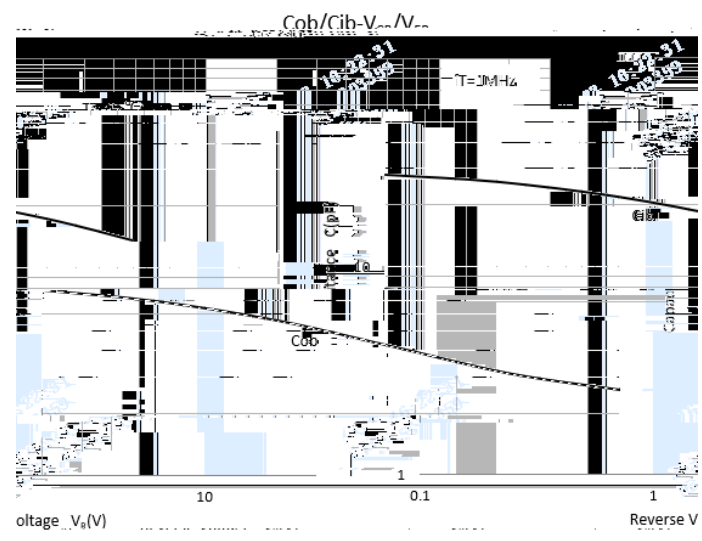
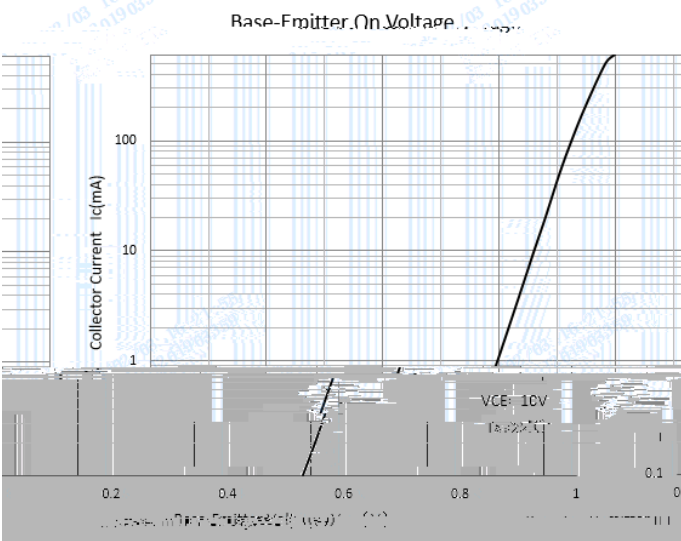
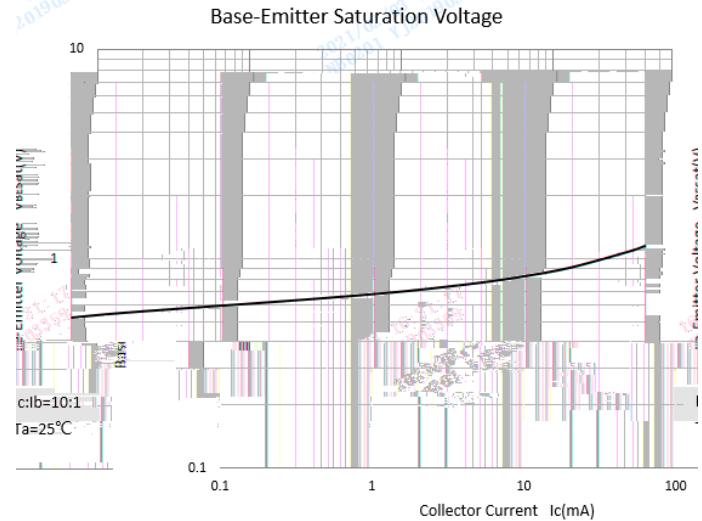
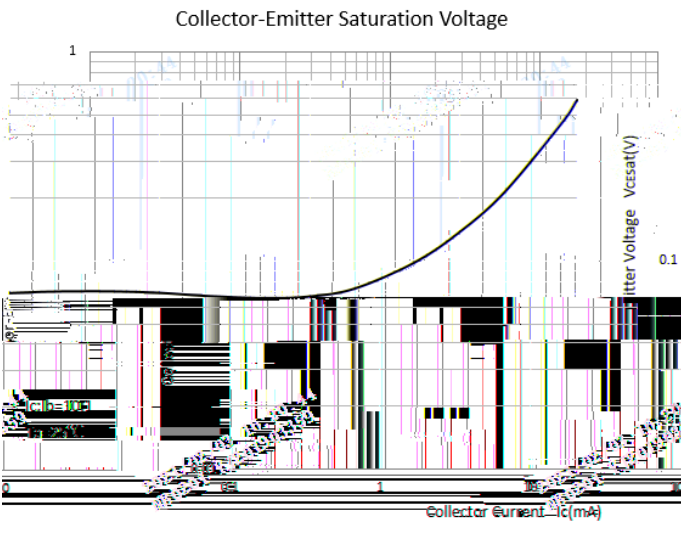
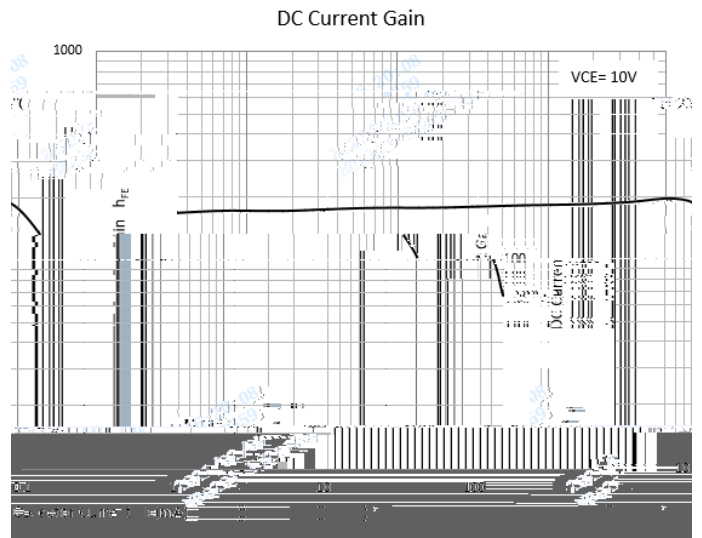
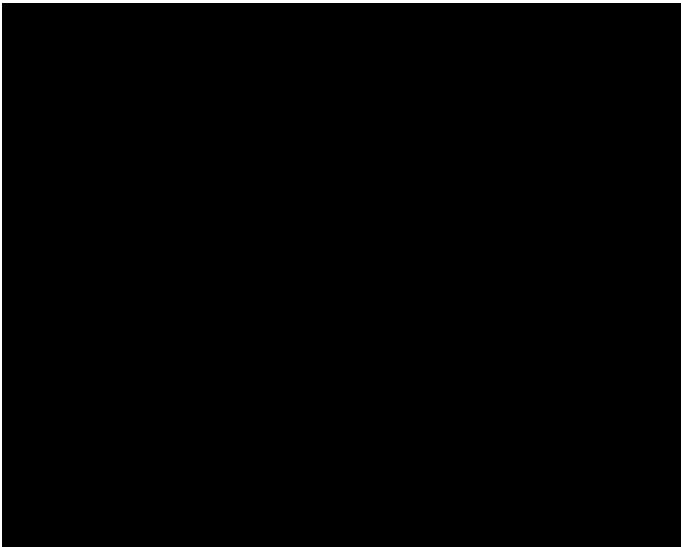
: SOT-523
: Tin plated leads, solderable per
J-STD-002 and JESD22-B102
1P

(Ta=25 Unless otherwise specified)

Collector-Emitter Voltage	V_{CEO}	V	$I_C=10\text{mAdc}, I_B=0$	40
Collector-Base Voltage	V_{CBO}	V	$I_C=10\text{uAdc}, I_E=0$	75
Emitter-Base Voltage	V_{EBO}	V	$I_E=10\text{uAdc}, I_C=0$	6



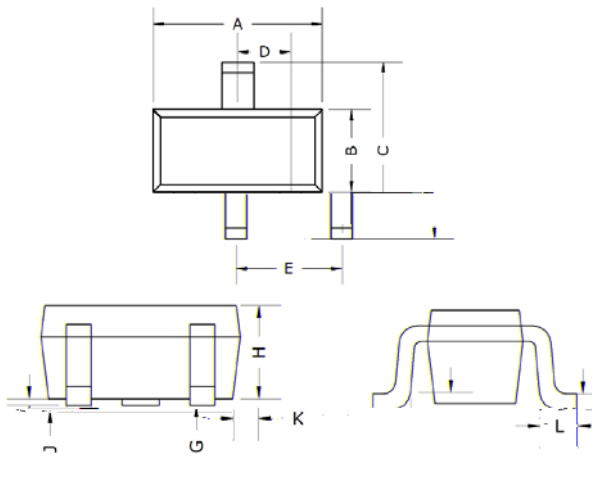
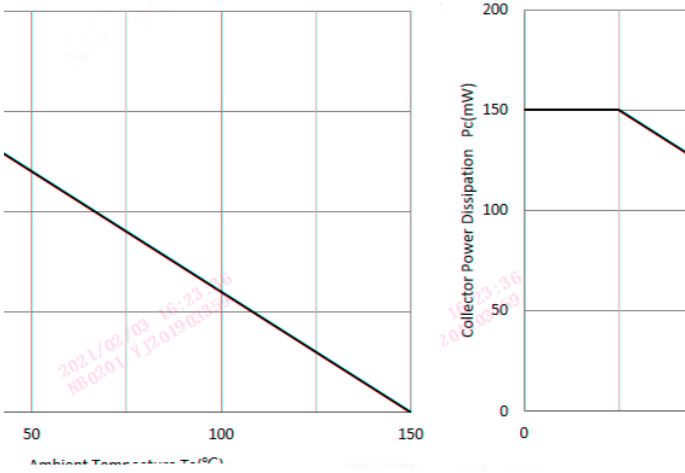
(Typical)



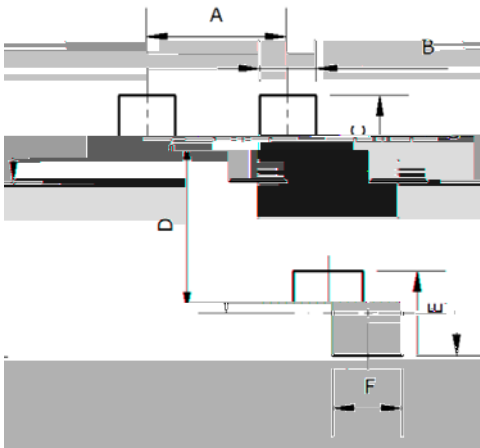


16-23
19-03-36

Collector Power Derating Curve



MAX DIM	DIMENSIONS			
	INCHES		MM	
	MIN	MAX	MIN	MAX
1.70	A	0.059	0.067	1.50
0.85	B	0.030	0.033	0.75



DIMENSIONS	
DIM	MM (TYP)
A	1.00
B	0.40
C	0.60
D	1.24
0.50	F



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