



- 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)

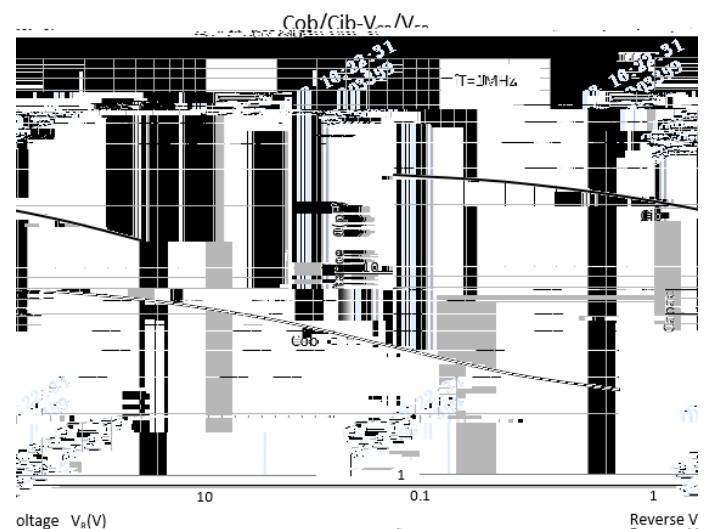
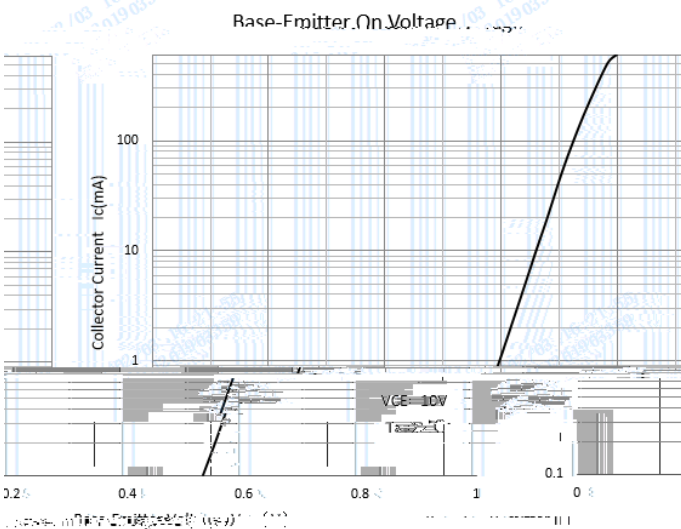
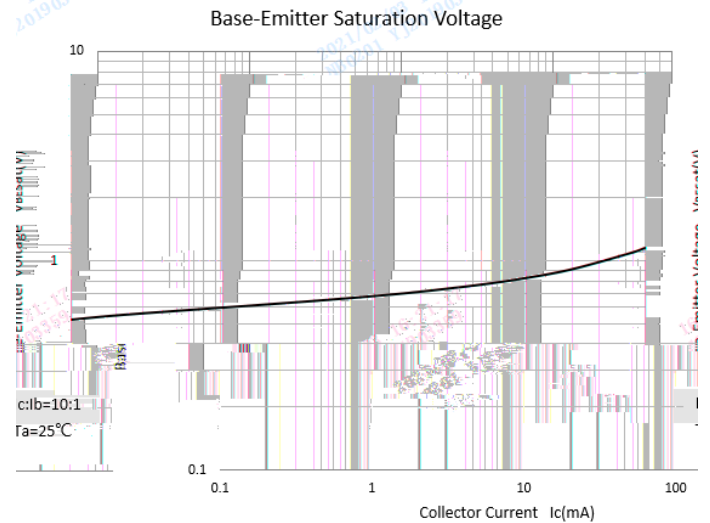
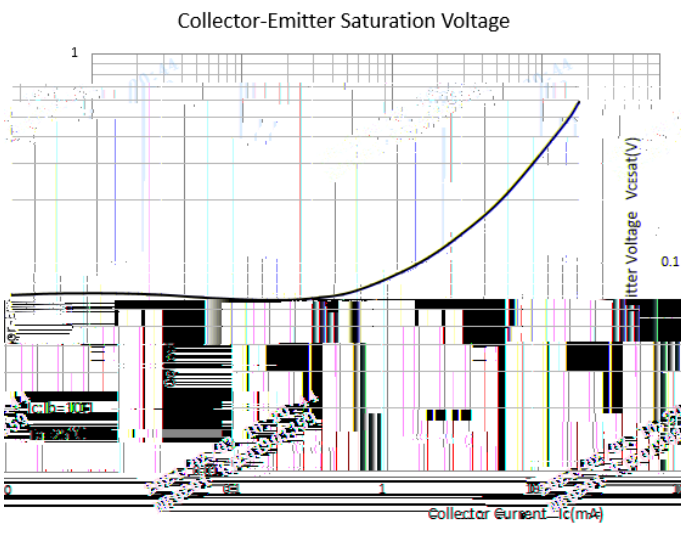
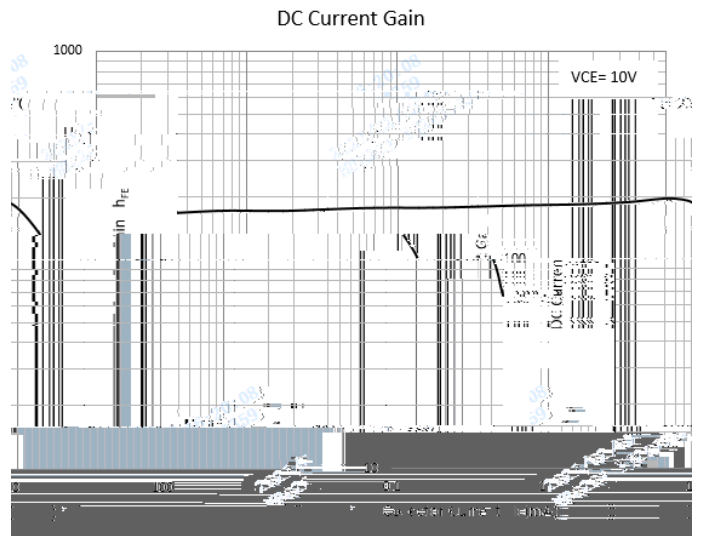
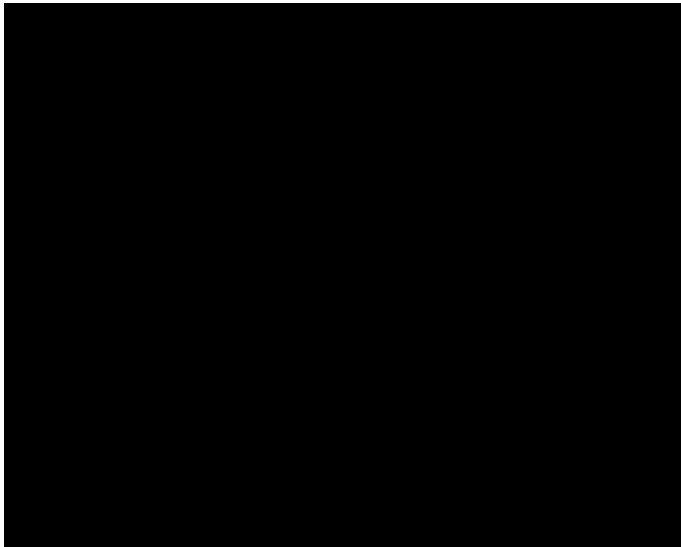
Collector-Emitter Voltage	V_{CEO}	V	$I_C=10mA, I_E=0$	40
Collector-Base Voltage	V_{CBO}	V	$I_C=10\mu A, I_E=0$	75
Emitter-Base Voltage	V_{EBO}	V	$I_E=10\mu A, I_C=0$	6

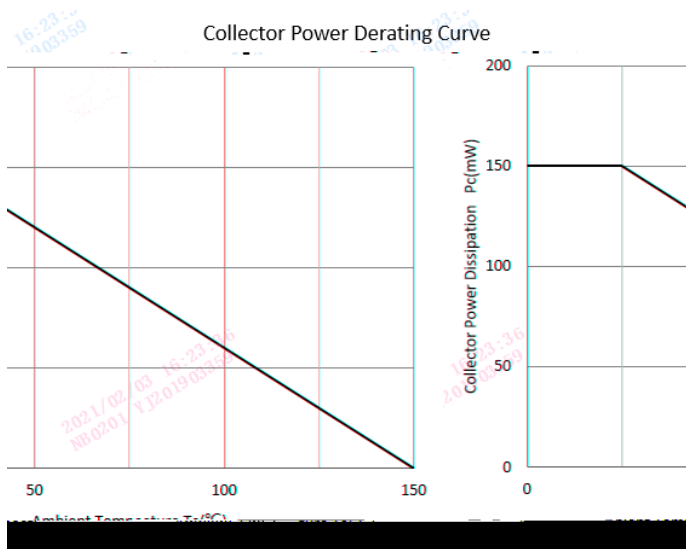


■ (Ta=25 unless otherwise specified)

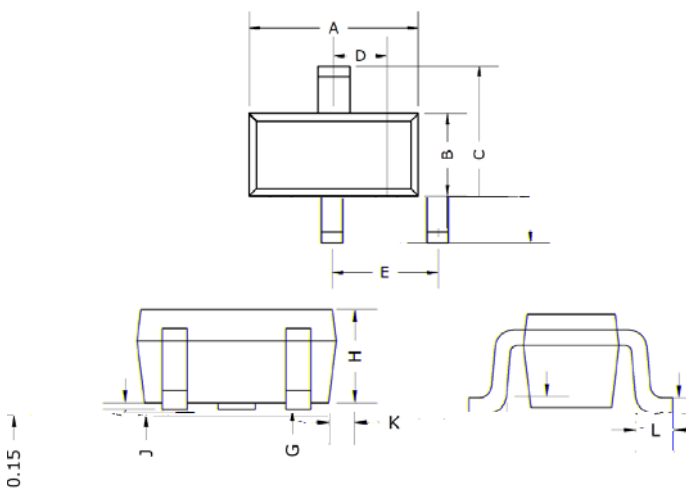
Collector-Emitter Voltage	V _{CEO}	V	I _C =10mAdc, I _B =0	40	
Collector-Base Voltage	V _{CBO}	V	I _C =10uAdc, I _E =0	75	
Emitter-Base Voltage	V _{EBO}	V	I _E =10uAdc, I _C =0	6	
Collector-base Cut-off Current	I _{CBO}	nA	V _{CB} =70Vdc		100
Emitter-base cut-off current	I _{EBO}	nA	V _{EB} =3Vdc		100
Collector-emitter Cut-off Current	I _{CEX}	nA	0Vdc, V _{EB} =3Vdc		10
			I _C =0.1mAdc, V _{CE} =10Vdc	35	

(Typical)



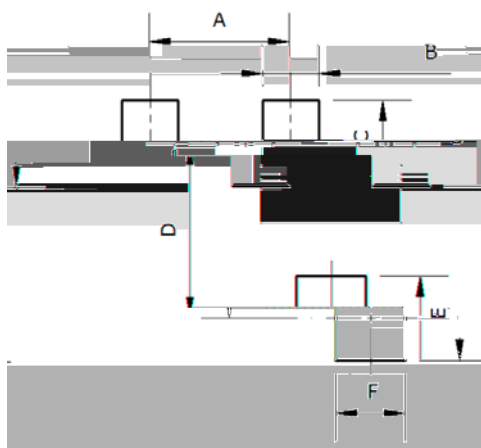


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DIM	DIMENSIONS			
	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.059	0.067	1.50	1.70
B	0.030	0.033	0.75	0.85
C	0.007	0.009	0.18	0.23
D	0.007	0.009	0.18	0.23
E	0.007	0.009	0.18	0.23
G	0.007	0.009	0.18	0.23
H	0.007	0.009	0.18	0.23
J	0.007	0.009	0.18	0.23
K	0.007	0.009	0.18	0.23
L	0.007	0.009	0.18	0.23

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



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