

- z Moisture sensitivity level 1
- z Halogen free and RoHS compliant
- z Surface mount package ideally suited for automatic Insertion

- z Signal amplification
- z Switching circuit

- z SOT-23-6L
- z Tin plated leads, solderable per J-STD-002 and JESD22-B102

%

(Ta=25 Unless otherwise specified)

		Unit	Symbol	Value
Device marking code				5Ft
Collector-base voltage	V_{CBO}	V	$I_C = -10\mu A, I_E = 0$	-80
Collector-emitter voltage	V_{CEO}	V	$I_C = -10mA, I_B = 0$	-65
Emitter-base voltage	V_{EBO}	V	$I_E = -10\mu A, I_C = 0$	-5
Collector current	I_C	mA		-100
Power dissipation	P_D	mW		200
Operation junction temperature	T_J	-		-55 to +150
Storage temperature	T_{STG}	-		-55 to +150



0"

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Collector-base breakdown voltage

$V_{(BR)CBO}$

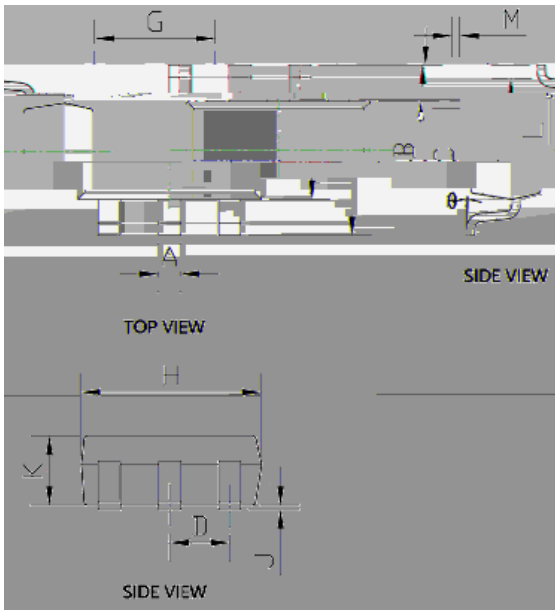
V

$I_C=-10\mu A, I_E$





BC856DS	F2	Approximate 15.6	3000	30000	120000	7" reel
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SYMBOL	INCHES		Millimeter	
	MIN.	MAX.	MIN.	MAX.
A	0.012	0.020	0.300	0.500
B	0.059	0.067	1.500	1.700
C	0.037	0.040	0.950	1.020
D	0.037	0.040	0.950	1.020
E	0.037	0.040	0.950	1.020
F	0.037	0.040	0.950	1.020
G	0.037	0.040	0.950	1.020
H	0.037	0.040	0.950	1.020
I	0.037	0.040	0.950	1.020
J	0.037	0.040	0.950	1.020
K	0.041	0.045	1.050	1.150
L	0.012	0.024	0.380	0.600
M	0.004	0.008	0.100	0.200

