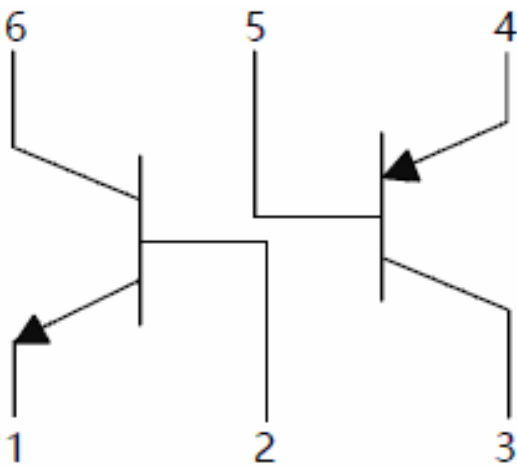


Epoxy meets UL-94 V-0 flammability rating  
Surface mount package ideally Suited for Automatic Insertion  
NPN+PNP

SOT-23-6L  
Tin plated leads, solderable per  
J-STD-002 and JESD22-B102  
8017



(Example)

BC817DPN	F2	Approximate 15.6	3000	30000	120000	7" reel





(Ta=25 unless otherwise specified)

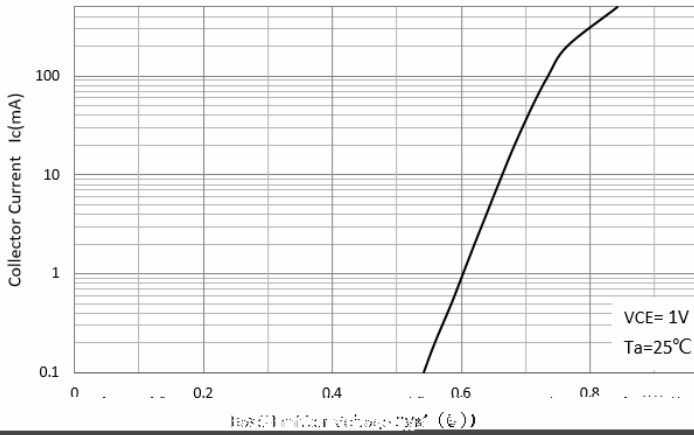
Collector-Emitter Voltage*	$V_{CEO}$	V	$I_C=-10\text{mAdc}, I_B=0$	-45	-
Collector-Base Voltage	$V_{CBO}$	V	$I_C=-10\text{uAdc}, I_E=0$	-50	-
Emitter-Base Voltage	$V_{EBO}$	V	$I_E=-1\text{uAdc}, I_C=0$	-5.0	-
Emitter-base Cut-off Current	$I_{EBO}$				
Collector-base Cut-off Current	$I_{CBO}$	nA	$V_{CB}=-20\text{Vdc}, I_E=0$	-	-100

$h_{FE1}$

DC Current Gain

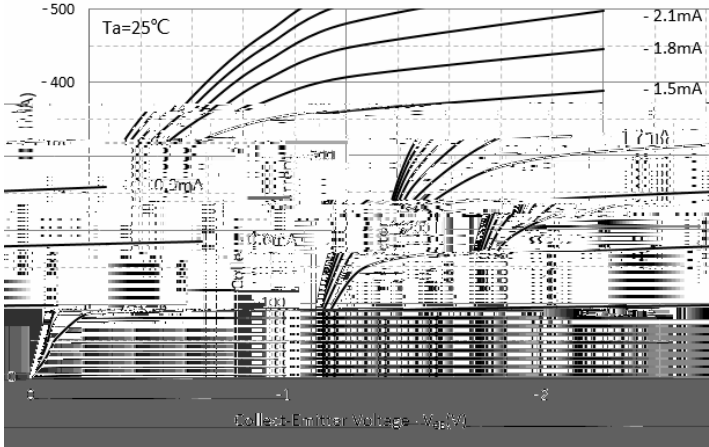


Base-Emitter On Voltage

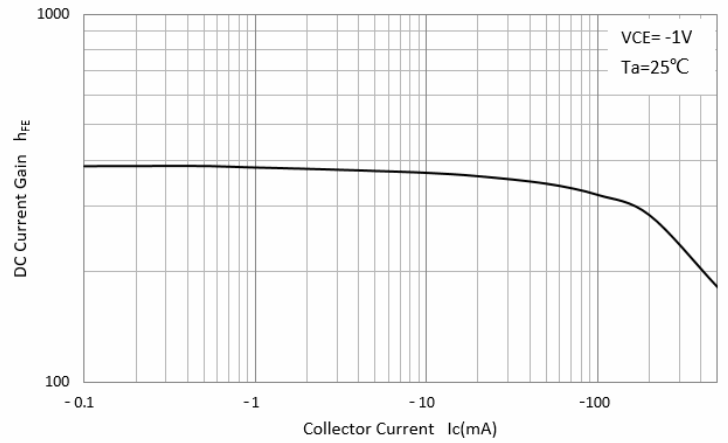


(Typical)

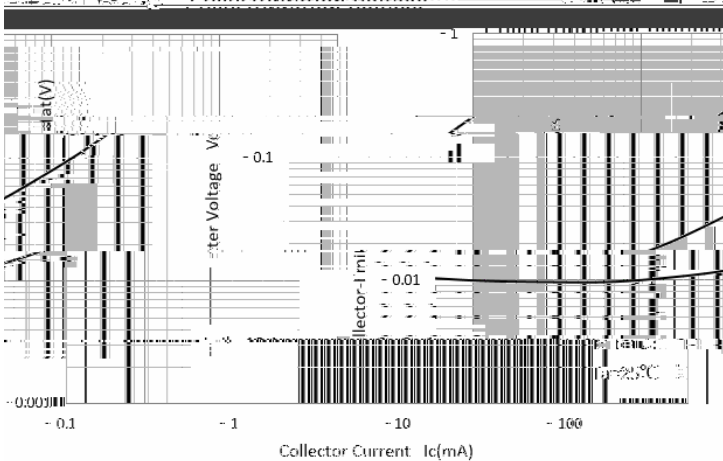
Static Characteristic



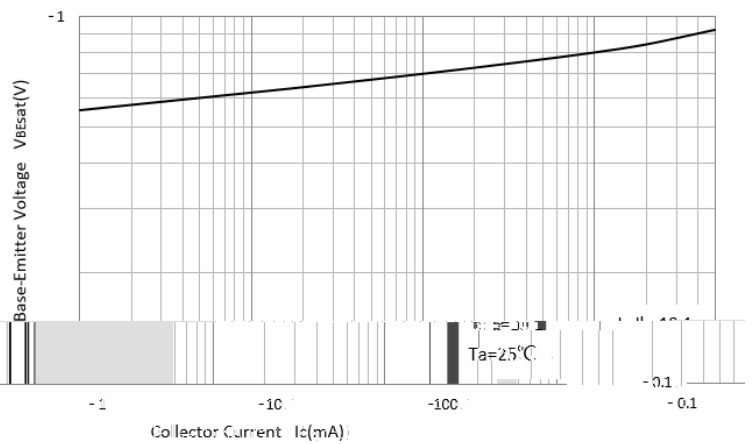
DC Current Gain



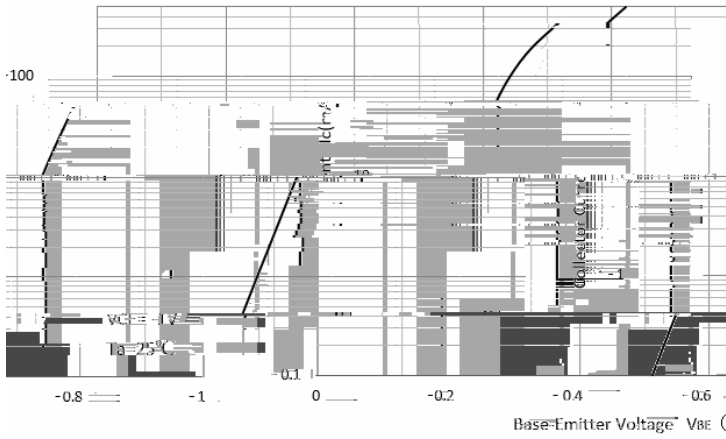
Collector-Emitter Saturation Voltage



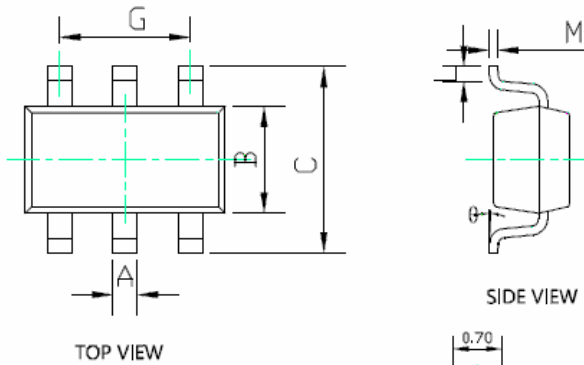
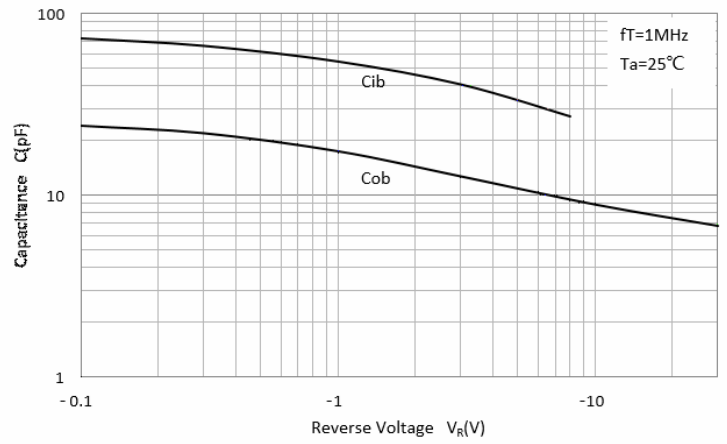
Base-Emitter Saturation Voltage



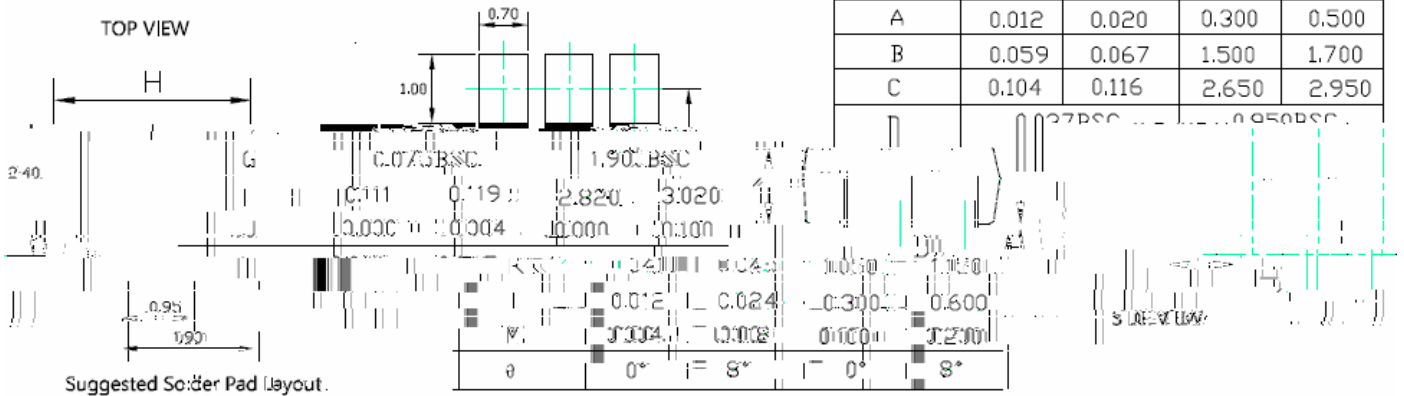
Base-Emitter On Voltage



Cob/Cib-V<sub>CB</sub>/V<sub>EB</sub>



DIMENSIONS				
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	0.104	0.116	2.650	2.950



Note:  
 1. Controlling dimension in millimeters.  
 2. General tolerance: ±0.05mm.  
 3. The pad layout is for reference purposes only.



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