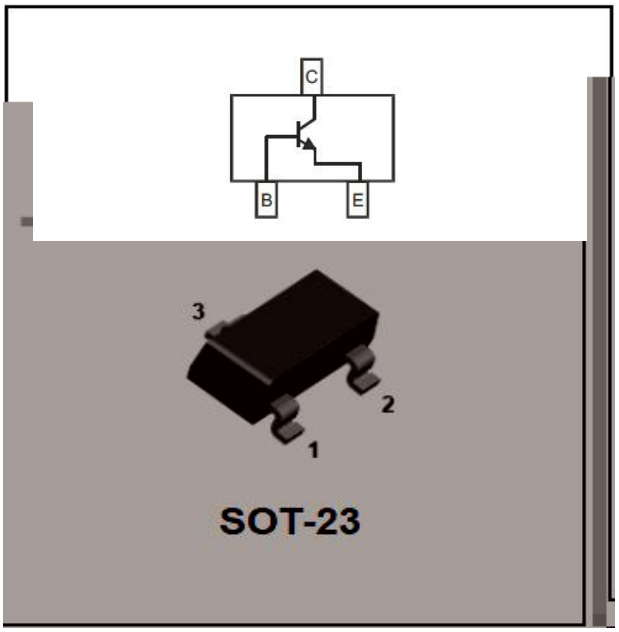


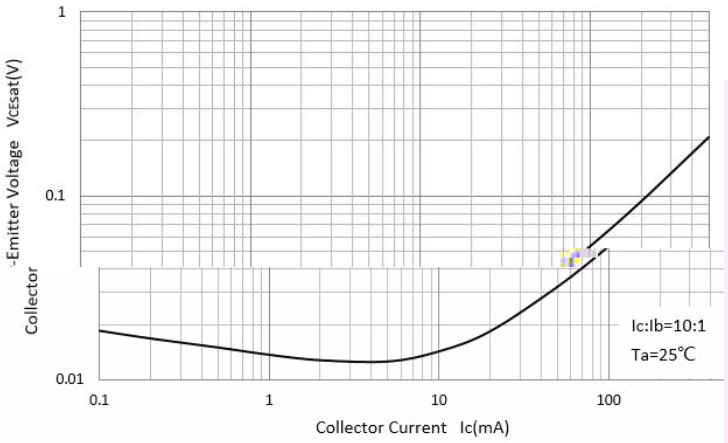
Ca ab 0.3Wa (TA=25) P D a
E UL-94 V-0 a ab a
Ha a a ab b a HF
M S L 1
D c Ma :

BC818-16	6E
BC818-25	6F
BC818-40	6G

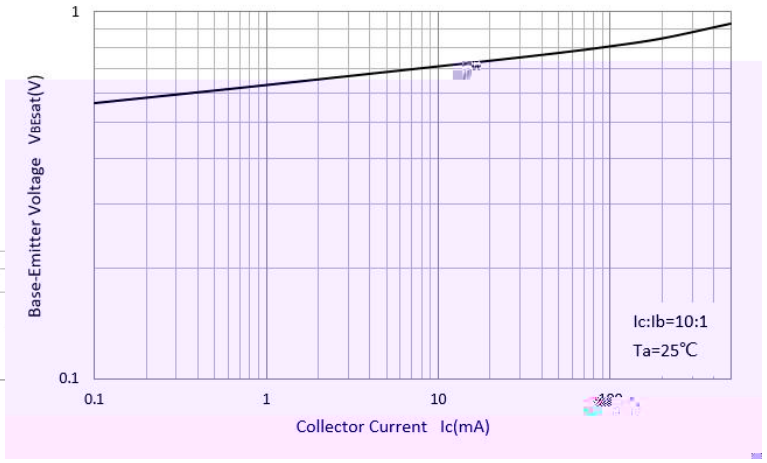
C c -E V a	V_{CEO}	V	25
C c -Ba V a	V_{CBO}	V	30
E Ba V a	V_{EBO}	V	5
C c C	I_C	A	500
C c P D a	P_C	W	300
O a J c T a	T		-55 +150
S a T a	T		-55 +150
T a R a c F J c T A b	R_{JA}	/W	417

C c -E V a	V_{CEO}	V	I_C=10 A c, I_B=0	25	
C c -Ba V a	V_{CBO}	V	I_C=10 A c, I_E=0	30	
E -Ba V a	V_{EBO}	V	I_E=10 A c, I_C=0	5	
E -ba C - C	I_{EBO}	A c	V_{EB}=4V c, I_C=0		0.1
C c -ba C - C	I_{CBO}	A c	V_{CB}=25V c, I_E=0		0.1

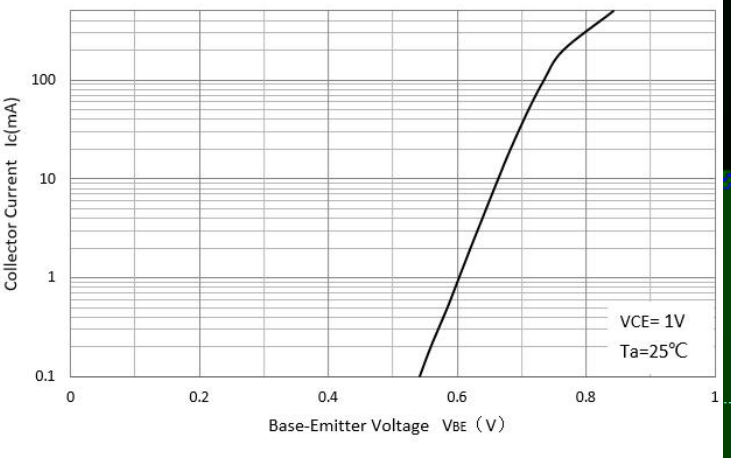
Collector-Emitter Saturation Voltage



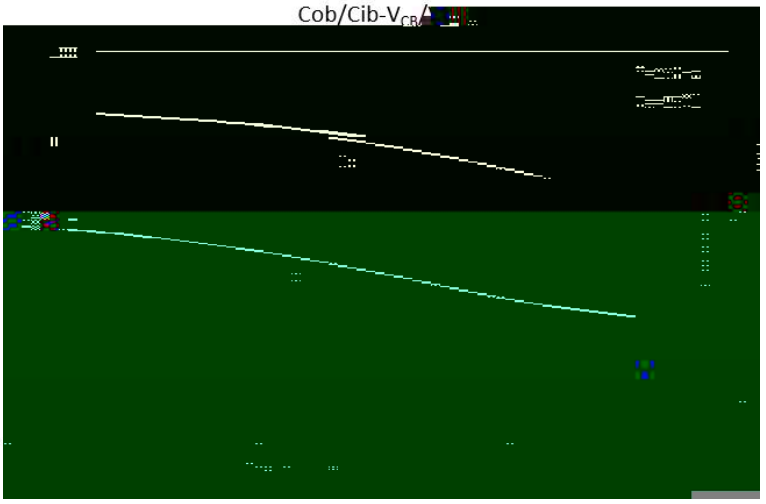
Base-Emitter Saturation Voltage



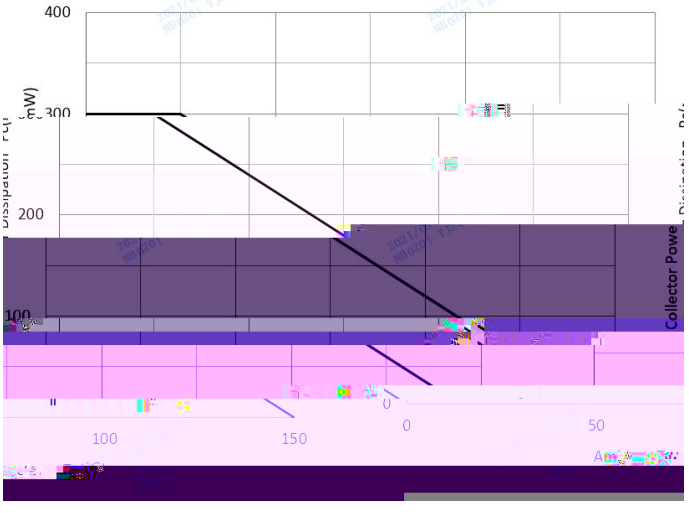
Base-Emitter On Voltage

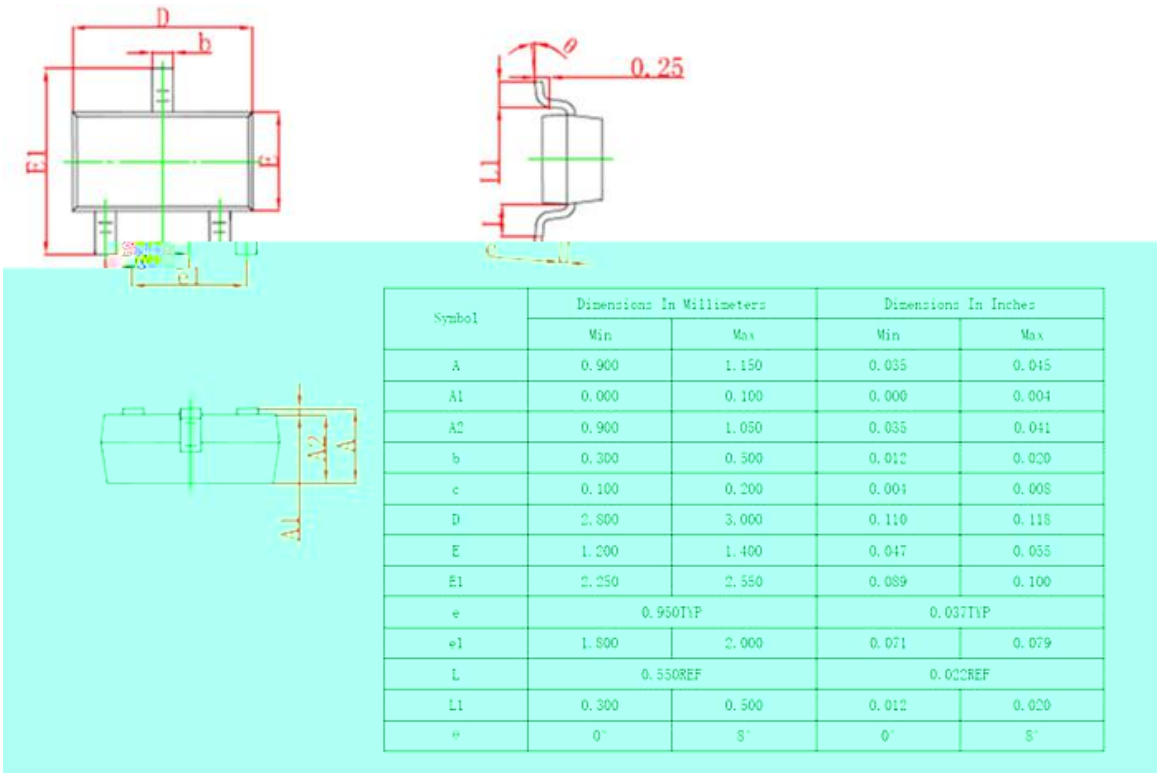


Cob/Cib-V_{CB}

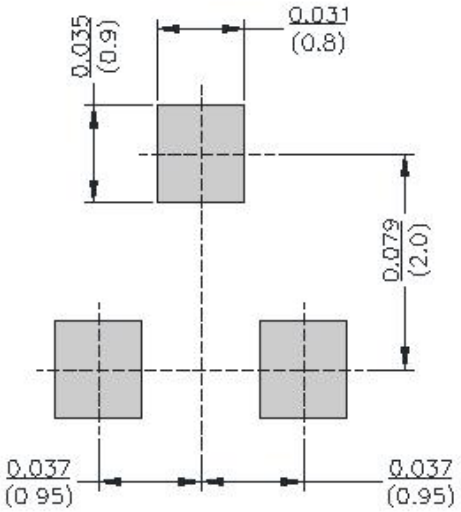


Collector Power Derating Curve





Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	0.900	1.150	0.035	0.045
A1	0.000	0.100	0.000	0.004
A2	0.900	1.050	0.035	0.041
b	0.300	0.500	0.012	0.020
c	0.100	0.200	0.004	0.008
D	2.800	3.000	0.110	0.118
E	1.200	1.400	0.047	0.055
E1	2.250	2.550	0.089	0.100
e	0.950TYP		0.037TYP	
e1	1.800	2.000	0.071	0.079
L	0.550REF		0.022REF	
L1	0.300	0.500	0.012	0.020
θ	0°	8°	0°	8°



T a c c . Ya Ya E c c T c C ., L .
a c a c c ca c a ab , c
.

T c b a c c c , a b
c c ab a a c c a a (c a
ca , a a , a ac ac , c a - ac c , c a a
c), Ya a b a , a b ab a a a c
a .

T b ca & ac a a . F a a a , a b
:// .21 a .c , c a Ya a c a a c .