



% & \$: 7+58 % & &:

v(OHFWULFDO &KDTUDFWXHQOMWVFRWKHUZLVH QRWHG

3DUDPHWHU	6\PER	7HVV FRQG	0LQ	0D[	8QLW
&ROOHFWRU EDVH EUHDNGRZQ YROWDJH % & 9&% 2 % & % &		% & —\$, (			
&ROOHFWRU HPLWWHU EUHDNGRZQ YROWDJH % & % & % &	9&(2	% & P\$, %			
(PLWWHU EDVH EUHDNGRZQ YROWDJH—\$, &					9
&ROOHFWRU EDVH FXW RII FXUUHQW % & % & % &	% 2	9 & % 9 , (9 & % 9 , (9 & % 9 , (			- \$
&ROOHFWRU HPLWWHU FXUUHQW % & % & % &	% (2	9 & (9 , % 9 & (9 , % 9 & (9 , %			- \$
(PLWWHU EDVH FXW RII FXUUHQW % &	% 2	9 & (9 , % 9 & (9 , % 9 & (9 , %			- \$
'& FXUUHQW JDLQ % & \$: \$: \$: % & %: %: %: % & &: % & &:	K(	9 & (9 , & P\$			
&ROOHFWRU HPLWWHU VDWXUDW&RQYROWDJH % &			\$ 9		9
% DVH HPLWWHU VDWXUDW&RQYROWDJH % &		, & 9 P\$, % P\$			9
7UDQVLWLRQ IUHTXHQF\ 7		9 & (9 , & P\$ 1 10+]			0+]
&ROOHFWRU EDVH RXWSXW FDSDFLWDQFH			& RE	9 & %	9 I 0\$]

v 2UGHULQJ , QIRUPDWLRQ

35() (5(' 3 1	3\$&., 1' & 2' (	81,7 : (, * +7	0,1,080 3\$&., \$*(SF	,11(5 % 2; 48\$17,7< S	287(5 & \$57 48\$17,7< S	'(/,9(5< 02' (
% & \$: 7+58 % &	&:)	\$SSUR[L PDWH				HHO

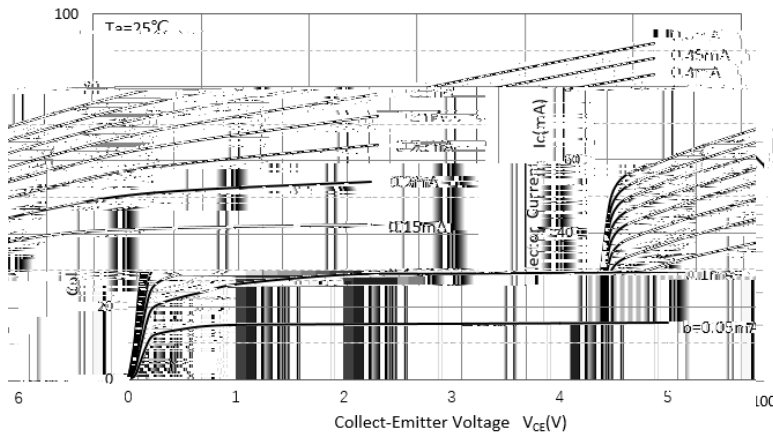


BC846AW THRU BC848CW

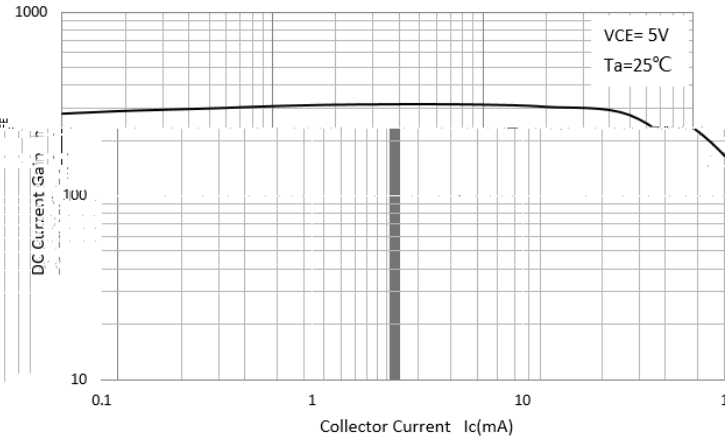


■ Characteristics(Typical)

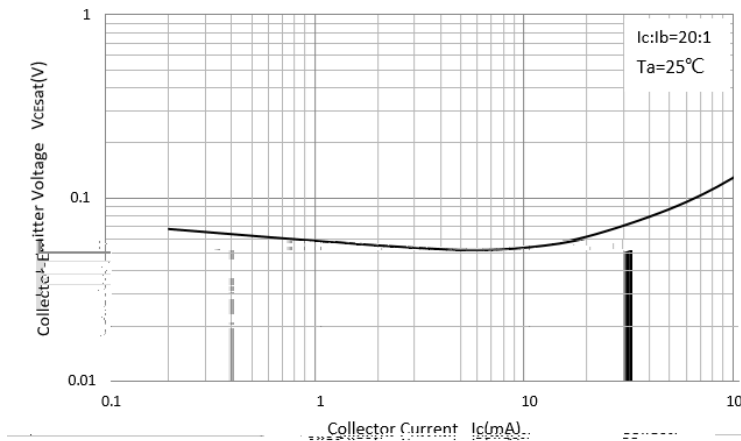
Static Characteristic



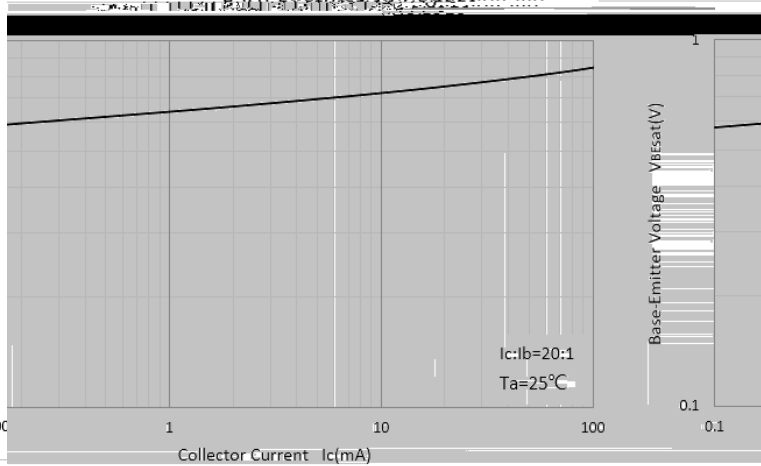
DC Current Gain



Collector-Emitter Saturation Voltage



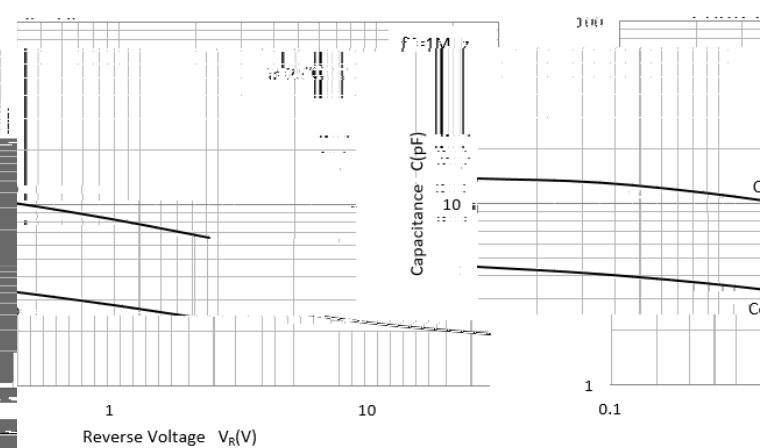
Base-Emitter Saturation Voltage

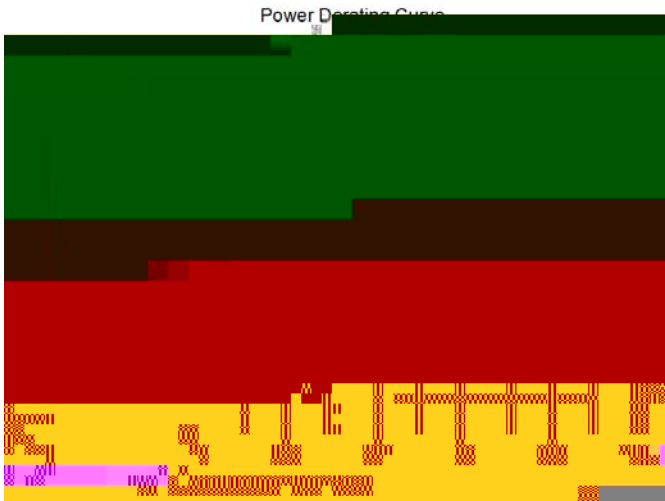


Base-Emitter On Voltage

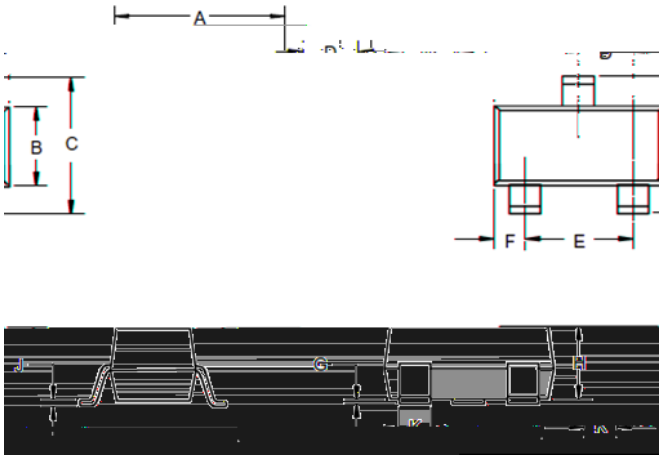


$C_{ob}/C_{ib}:V_{ce}/V_{be}$



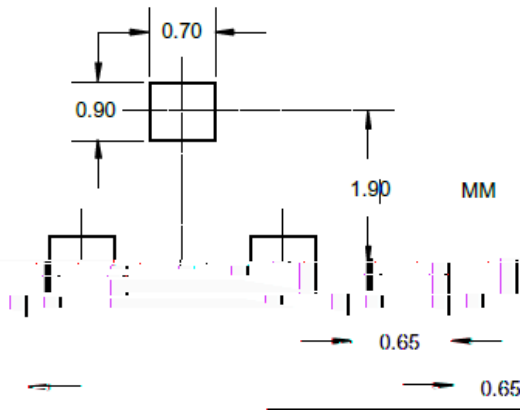


v SOT-323 Package Outline Dimensions



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.071	.087	1.80	2.20	
B	.015	.035	.40	.90	
C	.015	.035	.40	.90	
D	.026 Nominal		.65 Nominal		
E	.014	.025	.35	.65	
F	.014	.025	.35	.65	
G	.014	.025	.35	.65	
H	.014	.025	.35	.65	
J	.014	.025	.35	.65	
K	.014	.025	.35	.65	
L	.014	.025	.35	.65	
M	.014	.025	.35	.65	
N	.014	.025	.35	.65	
O	.014	.025	.35	.65	
P	.014	.025	.35	.65	
Q	.014	.025	.35	.65	
R	.014	.025	.35	.65	
S	.014	.025	.35	.65	
T	.014	.025	.35	.65	
U	.014	.025	.35	.65	
V	.014	.025	.35	.65	
W	.014	.025	.35	.65	
X	.014	.025	.35	.65	
Y	.014	.025	.35	.65	
Z	.014	.025	.35	.65	

■ SOT-323 Soldering Footprint





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