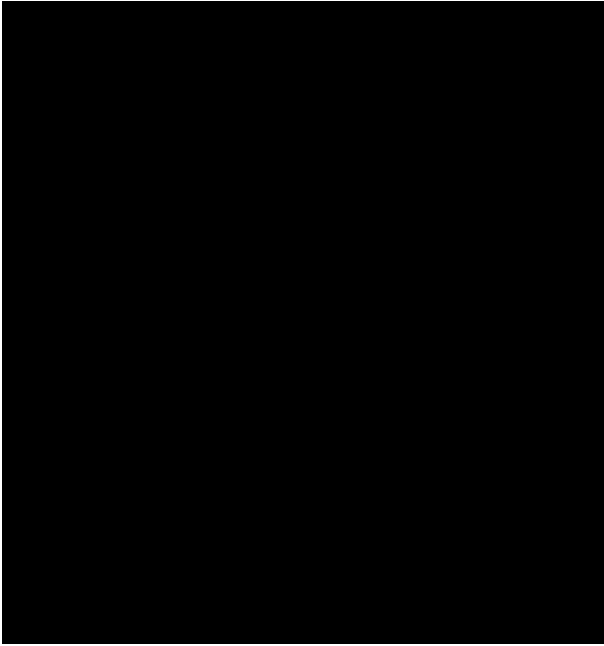




NPN T r a n s i s t o r



Features

" (SR[\ PHHWV 8/IODPPDELOLW\ UDWLQJ
"+DORJHQ IUHH DYDLODEOH XSRQ UHTXH
" 0RLWVXUH 6HQVLWLWLYLW\ /HYHO

Mechanical Data

" Package 627
" Terminal QsSODWHG OHDGV G™pG GQ OH0p`H

	6\PERO	8QLW	&RQGLWLRQV	9DOXH
0LQLPXP &ROOHFWRU (PLWWHU 9ROWDJH	&2		9 & 9P\$ %,	
0LQLPXP &ROOHFWRU %DVH 9ROWDJH &%2		9	9 & , X\$(,	
0LQLPXP (PLWWHU %DVH 9ROWDJH (%2			9 (9X\$ & ,	
&ROOHFWRU &XUUHQW	&	\$,		
3RZHU 'LVVLSDWLRQ	.	3	:	
7KHUPDO 5HVLVWDQFH)URP -XQFWLRQ \$7R \$PELHQW	5	\$		
2SHUDWLRQ -XQFWLRQ 7HPSHUDWXUH M		-	7	WR
6WRUDJH 7HPSHUDWXUH	VWJ	- 7		WR



P Z T 2222A

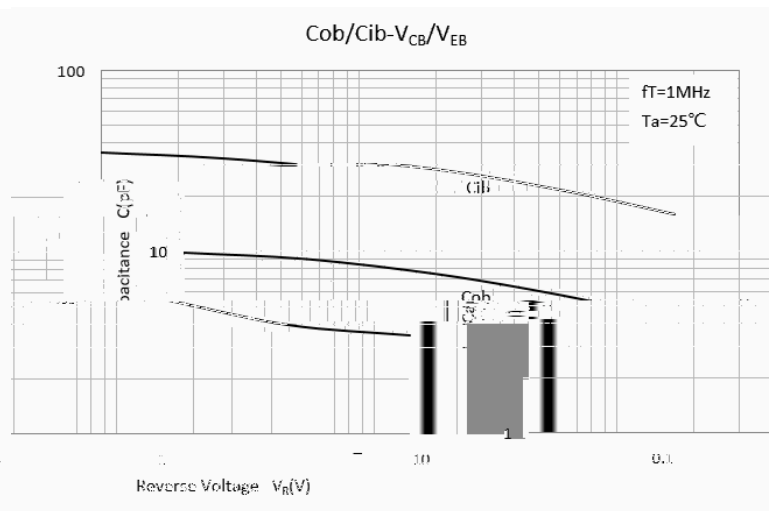
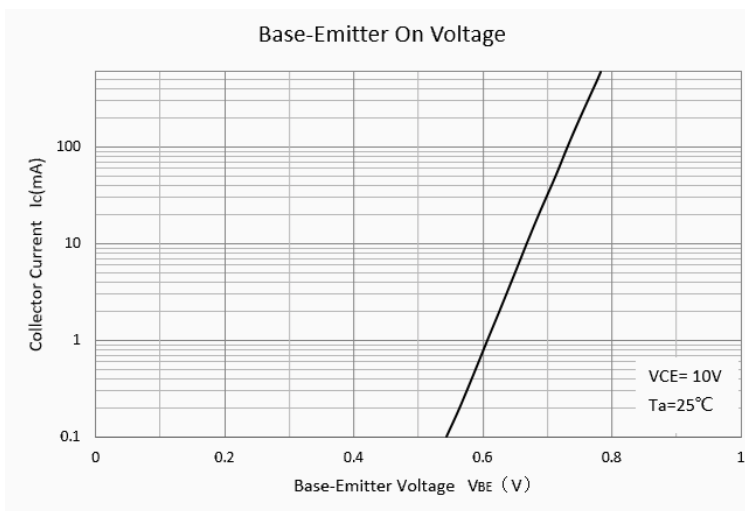
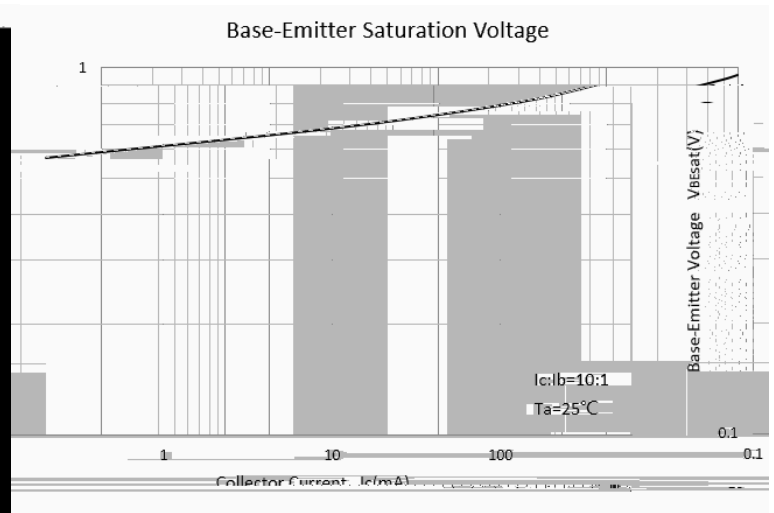
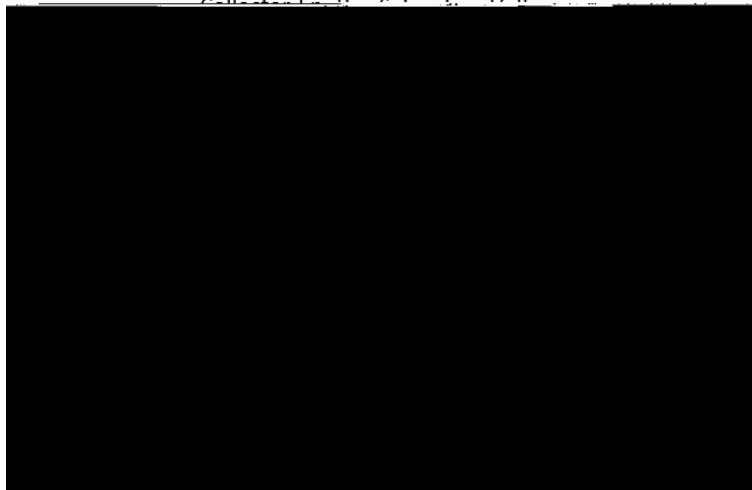
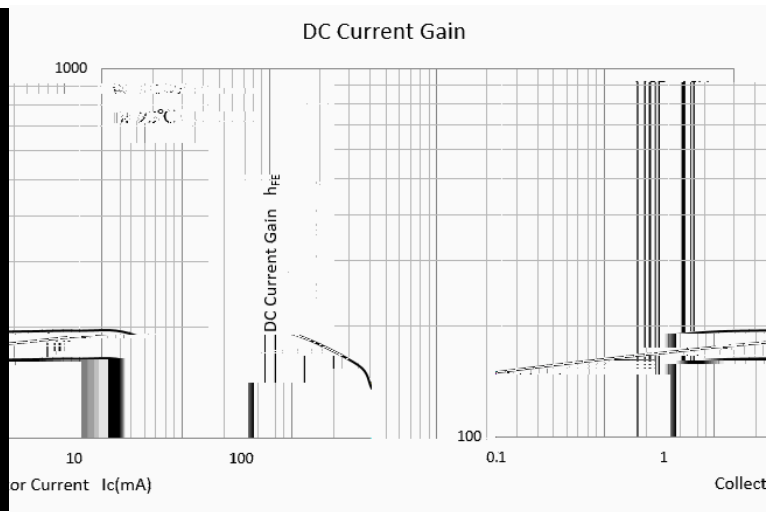
vE l e c t r i c a l C h a r a c t e r i s t i c s W K H U Z L V H Q R W H G

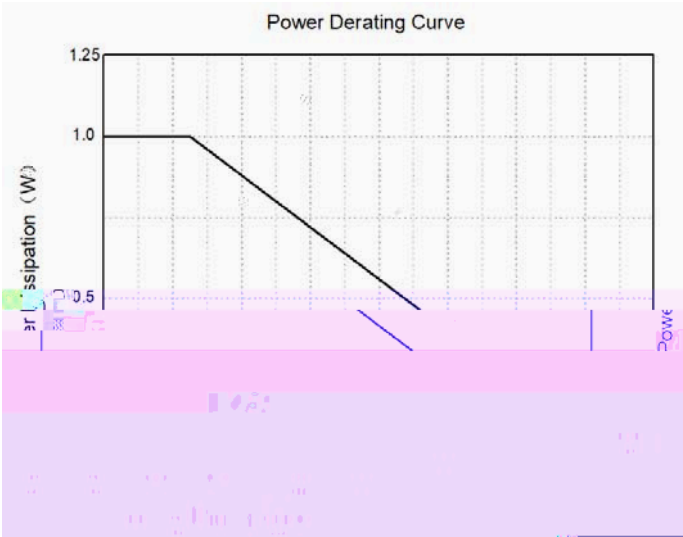
Item	Symbol	Unit	Conditions	Min	Typ	
&ROOHFWRU EDVH EUHDNGRZQ YROWDJH 9			,& X\$, (			
&ROOHFWRU HPLWWHU EUHDNGRZQ YROWDJH			,& P\$,9%			

(PLWWHU EDVH EUHDNGRZQ YROWDJH 9

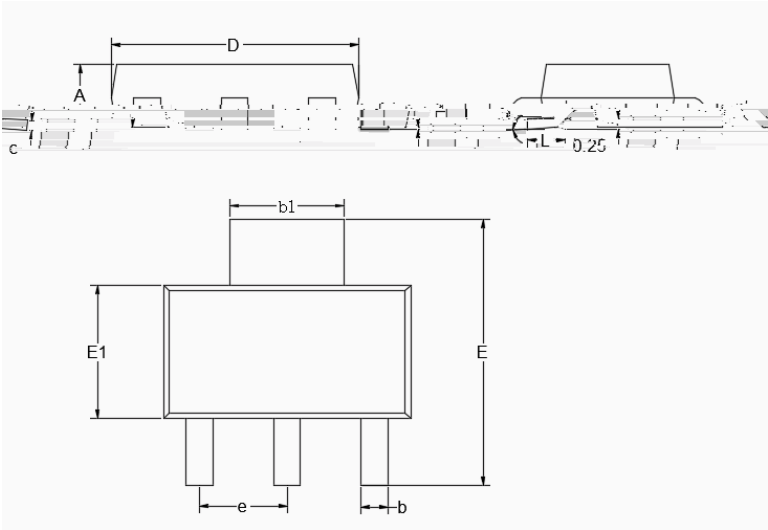


Characteristics



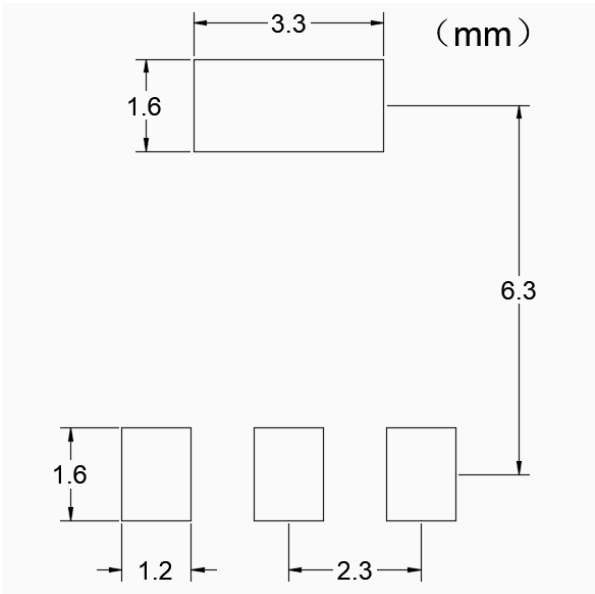


vSOT-223 Package Outline Dimensions



DIMENSIONS				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.0591	0.0670	1.5000	1.7000
D	0.0000	0.0010	0.0000	0.0254
b1	0.0000	0.0010	0.0000	0.0254
E1	0.0000	0.0010	0.0000	0.0254
E	0.0000	0.0010	0.0000	0.0254
e	0.0000	0.0010	0.0000	0.0254
b	0.0000	0.0010	0.0000	0.0254
K	0.0000	0.0010	0.0000	0.0254
L	0.0000	0.0010	0.0000	0.0254
M	0.0000	0.0010	0.0000	0.0254
N	0.0000	0.0010	0.0000	0.0254
O	0.0000	0.0010	0.0000	0.0254
P	0.0000	0.0010	0.0000	0.0254
Q	0.0000	0.0010	0.0000	0.0254
R	0.0000	0.0010	0.0000	0.0254
S	0.0000	0.0010	0.0000	0.0254
T	0.0000	0.0010	0.0000	0.0254
U	0.0000	0.0010	0.0000	0.0254
V	0.0000	0.0010	0.0000	0.0254
W	0.0000	0.0010	0.0000	0.0254
X	0.0000	0.0010	0.0000	0.0254
Y	0.0000	0.0010	0.0000	0.0254
Z	0.0000	0.0010	0.0000	0.0254

■ SOT-223 Suggested Pad Layout





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D i s c l a i m e r

7KH LQIRUPDWLRQ SURGXFWV LQ IRVLDIJKRQ <DQJMLH (OHFWURQLF 7HFKQRO
ULJKW WR PDNH FKDLQHVRZLWKRXWSKRLSURGXFWV GLWSOD\HG KHUHLQ WRGLHPSURY
RU RWKHUZZLVH

7KH SURGXFW OLVDHG KHUHLQ LV GHOLFDWRUFEHTXLSHQLWKRURGLYLFUWIDQG
HTXLSPHQW LWG LSPH W0 €0