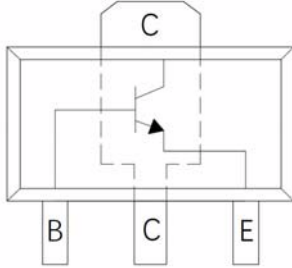




NPN General Purpose Amplifier

SOT-89



Features

" (SR[\ PPHWV 8/ 9 IODPPDELOLW\ UDWLQJ
" +DORJHQ IUHH DYDLODEOH XSRQ UHTXHVW E
" 0RLWVXUH 6HQVLWLYLW\ /HYHO
" +LJK VSHHG VZLWFKLQJ

Mechanical Data

" **Package** 627
0ROGLQJ FRPSOLDQW PH9 IODPPDELOLW\ UDWLQJ
5R+6 FRPSOLDQW KDORJHQ IUHH
" **Terminals:** 7LQ SODWHG OHDGV VROGHUDEOH S
- 67' DQG -(6' %
" 0DUNLQJ 3

Maximum Ratings 7D - XQOHVV RWKHUZZLVH QRWHG

Item	Symbol	Unit	Conditions	Value
0LQLPXP &ROOHFWRU (PLWWHU 9ROWDJH			9 & 9P\$ %,	
0LQLPXP &ROOHFWRU %DVH 9ROWDJH &%2		9	9 & , X\$(,	
0LQLPXP (PLWWHU %DVH 9ROWDJH	(%2		9 (9X\$ & ,	
&ROOHFWRU &XUUHQW & P\$,				
7KHUPDO 5HVLVWDQFH)URP -XQFWLRQ 7R \$PELHQW				
2SHUDWLRQ -XQFWLRQ 7HPSHUDWXUH M		-	7	WR
6WRUDJH 7HPSHUDWXUH	VWJ	- 7		WR



Item	Symbol	Unit	Conditions	Min	TYP	Max
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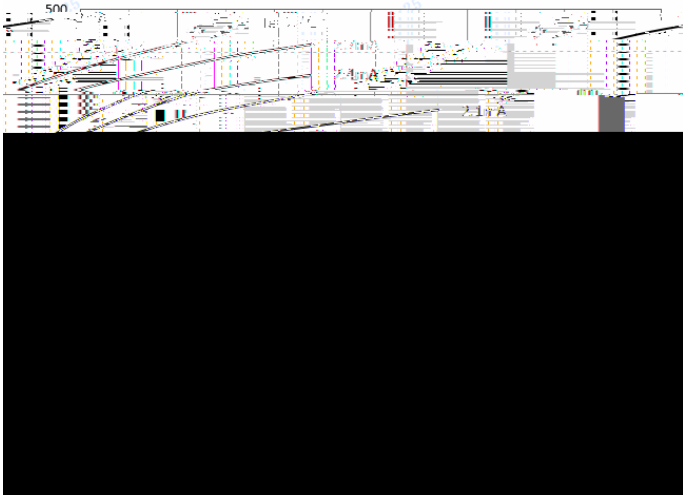
% 7it`0€ 'B(9 'F—pD J H Nòf ±5•A±TŽ÷&€DE Hô QP% G™,'N sÀÀÀBÀÀÀÀÀ OIHD J H eYR`AC` eYPOÀ` isU è\$,



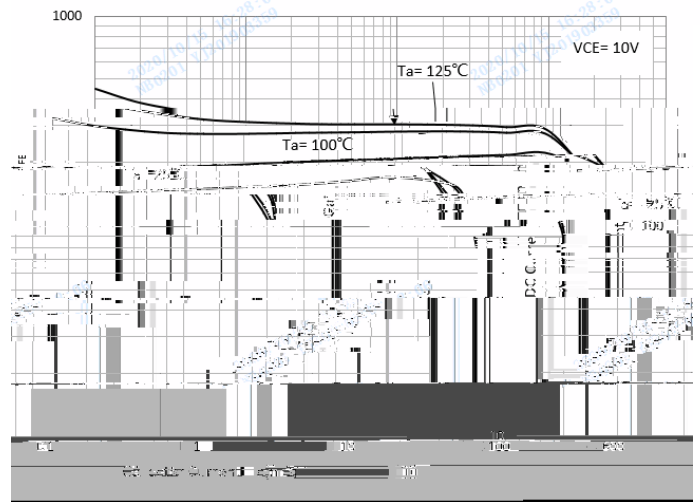
PXT2222A

Characteristics 7 \ S L F D O

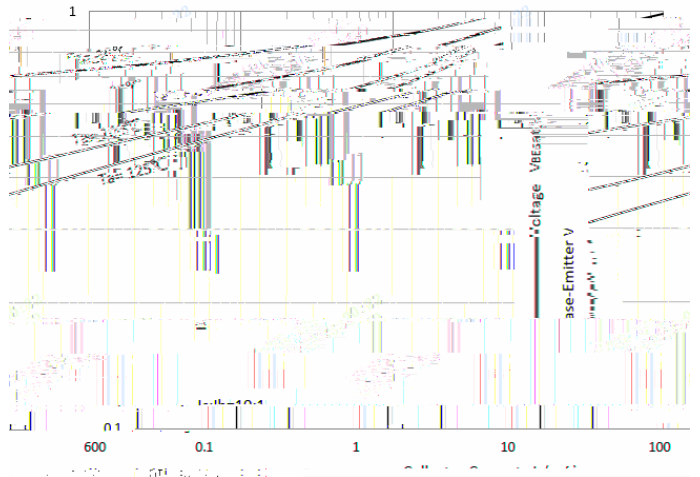
Static Characteristic



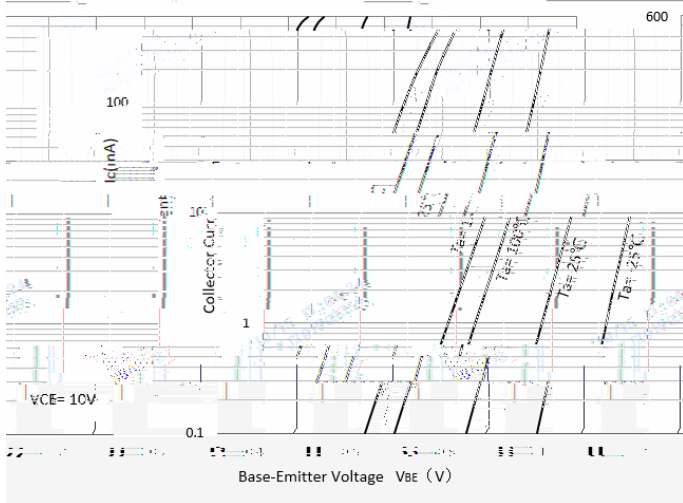
DC Current Gain



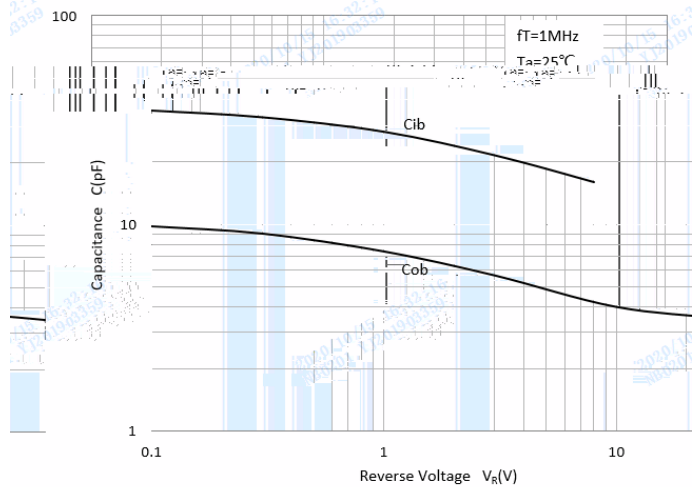
Base-Emitter Saturation Voltage

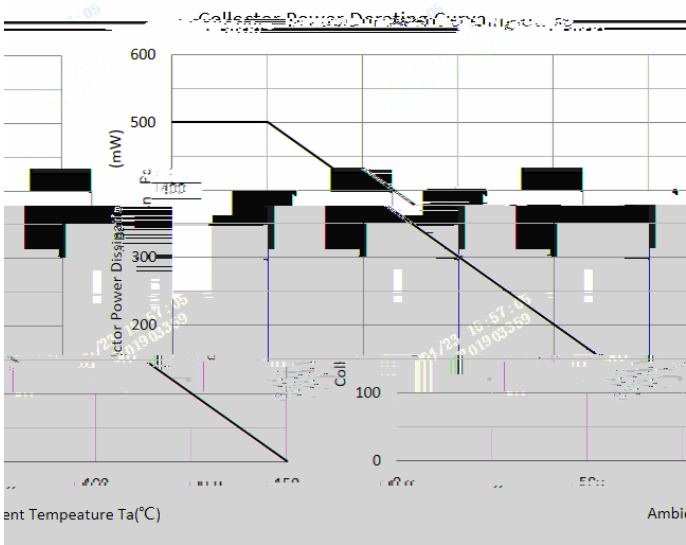


Base-Emitter On Voltage



$C_{ob}/C_{ib}-V_{CB}/V_{EB}$





V



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Disclaimer

7KH LQIRUPDWLRQ SURFHVWV ILQIRUPDWLRQV LQ RQMLH (OHFWURQLF 7HFKQRO
ULJKW WR PDNH FKDLQVRZLWKRXWSKRLVURDGXERQV RGLWSOD\HG KHUHLQ WRGLPSURY
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVLGHWRWRFEHTXVLSHQLWKRURGLYLQFHWVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKHKEDKOXQYHOGHQURHOZLWKLQVWIDQDQFHU
PHGLFDO LQVWUXPHQWVITWLSQHQSVUWHUWVSDXHOHDEKWLQDFWHLQFRQQWURGHU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOEMKROU OLVEXLWQIRUHDQRQREBJHVHUV
RIVDOH

7KLV SXEOLFDWLRQ SXVSHUWIDGVLQURUPDWLSRQLSGHYLURXVGLWLRQDO LQWRUPDWLR
KWS ZZZ \DQJMLH FRP RU FRQVXV RRLUHQHFWHUVW<HQJMLM\ VWWDQFH