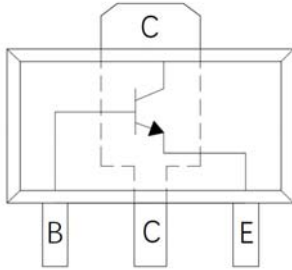




NPN General Purpose Amplifier

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



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Electrical Characteristics

Item	Symbol	Unit	Conditions	Min	TYP	Max
------	--------	------	------------	-----	-----	-----

& ROOHFWRU (PLWWHU 9ROWDQH

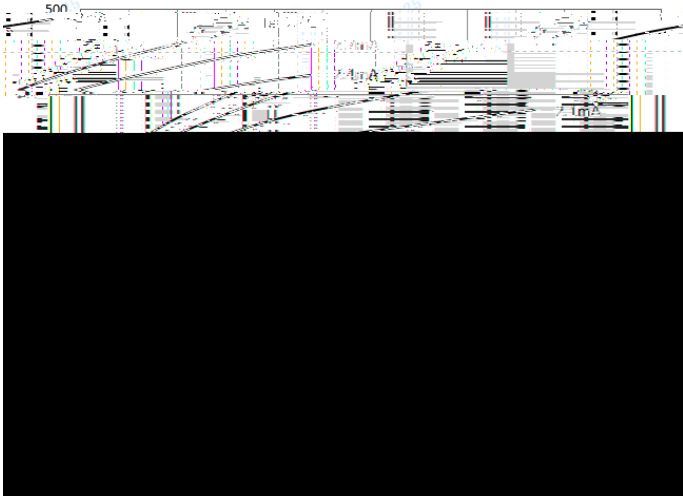
'B(9 'F—pD J H Nô/†5•A†TŽ+&€D€ Hô QP‰ G™,'N



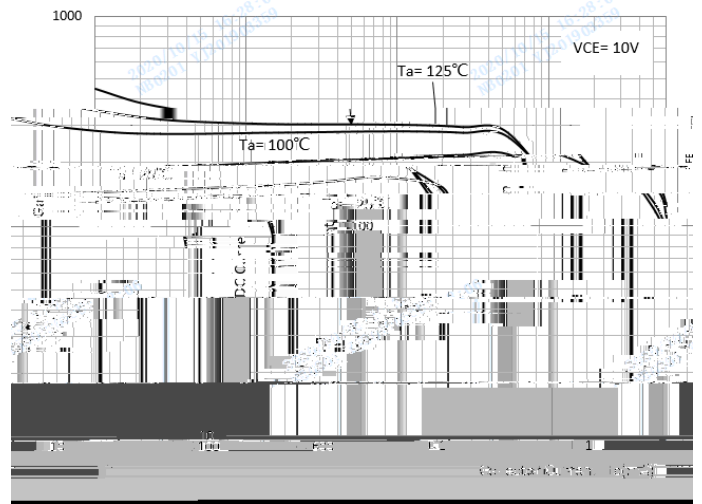
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Characteristics 7 \ S L F D O

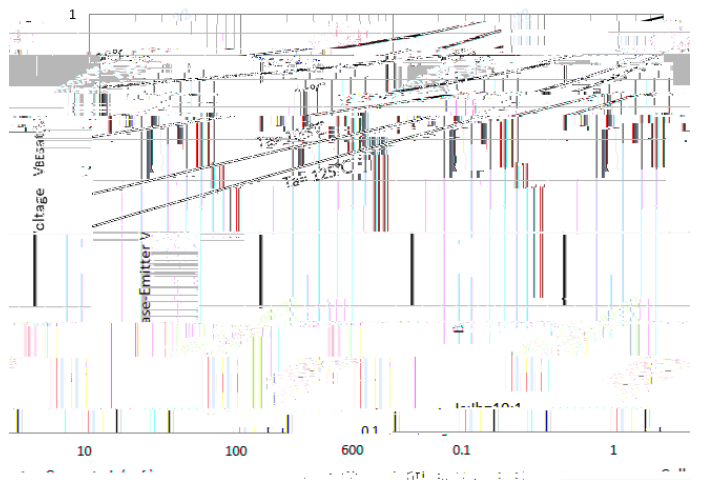
Static Characteristic



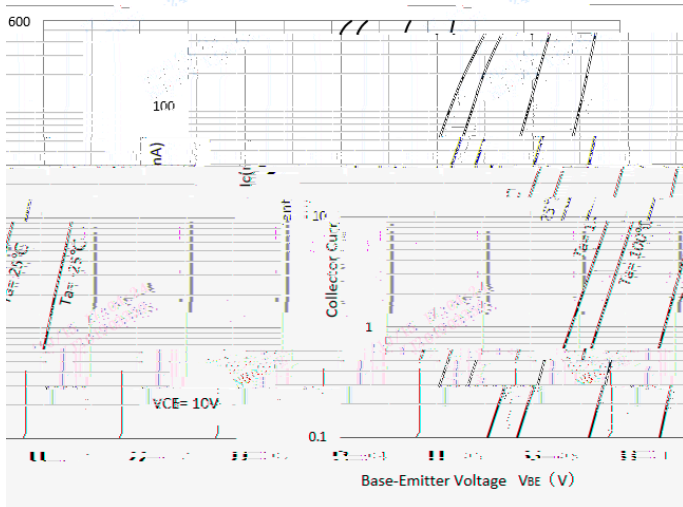
DC Current Gain



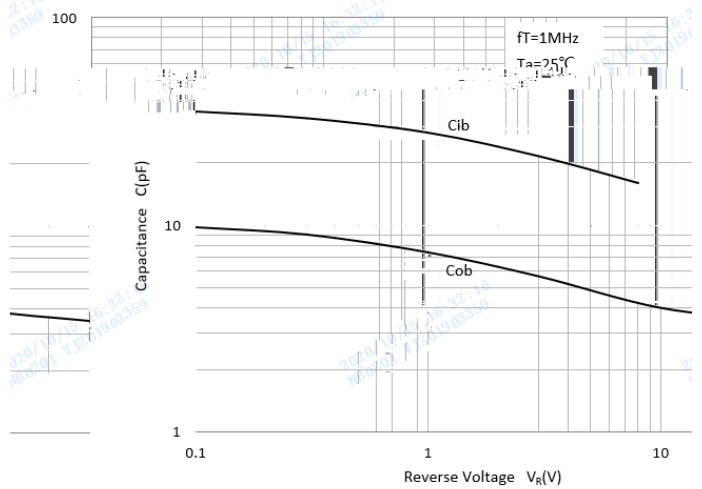
Base-Emitter Saturation Voltage

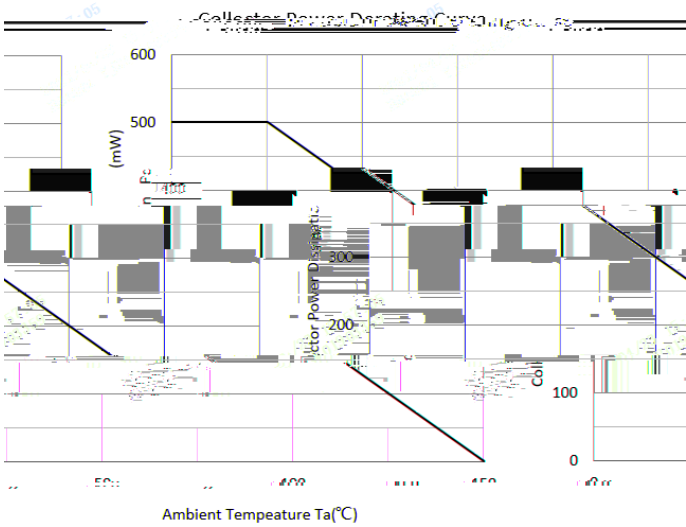


Base-Emitter On Voltage



Cob/Cib-V_{CB}/V_{EB}





V



PXT2222A

Disclaimer

7KH LQIRUPDWLRQ SURFHDQMHG LV IRXVLVHDIHQJHQRH<DQJMLH (OHFWURQLF 7HFKQRO
ULJKW WR PDNH FKDLQHVRZLWKRXWSKRLSLURDQXERQV RGLWSOD\HG KHUHLQ WRGLHPSLURY
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVLHFWURQRFEHTXVLSEHZLWKRURGGHLYLFWHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKKHKEJDOOXQYHVOGRQLRHHOZLWKLQRXODQXPHU
PHGLFDO LQVWUXPHQWVITWLSRQHQRUWHWHURVSDXHOHDEKLLQDFWHLUFRQQWURERODHUU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOEMKROU OLVEXLHLWQRUWHQSRQYEBJHVHUV
RIVDOH

7KLV SXEOLFDWLRQISODSHHUVHGHVLQURUPDQVLSRQLSGHYLURXVXGLWLRQDO LQWRHUPDWLR
KWS ZZZ \DQJMLH FRP RU FRQVXOWRRXLFHQHFWHXYVW<DQJMLHVVWDQFH