



PNP General Purpose Amplifier



Features

" (SR[\ PPHWV 8/ 9 IODPPDELOLW\ UDWLQJ
" +DORJHQ IUHH DYDLODEOH XSRQ UHTXHVW E
" 0RLVWXUH 6HQVLWLYLW\ /HYHO
" /RZ FROOHFWRU DWXPLDWWLRQ YROWDJH

Mechanical Data

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

Maximum Ratings 7D - XQOHVV RWKHUZZLVH QRWHG

Item	Symbol	Unit	Conditions	Value
0LQLPXP &ROOHFWRU (PLWWHU 9ROWDJH			9 & 9 P\$ % ,	
0LQLPXP &ROOHFWRU %DVH 9ROWDJH &%2		9	9 & , X\$(,	
0LQLPXP (PLWWHU %DVH 9ROWDJH		(%2	9 (9 X\$& ,	
&ROOHFWRU &XUHQW			\$	
&ROOHFWRU 'LVVLSDWLRQ		3& P:		
7KHUPDO 5HVLVWDQFH)URP -XQFWLRQ 57R \$PELHQW				
2SHUDWLRQ -XQFWLRQ 7HPSHUDWXUH M		-	7	WR
6WRUDJH 7HPSHUDWXUH		VWJ - 7		WR



BD772

Electrical Characteristics

Item	Symbol	Unit	Conditions	Min	TYP	Max
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1
$I_{CE} (P_{tot} = 1W, T_{amb} = 25^{\circ}C)$		W				1

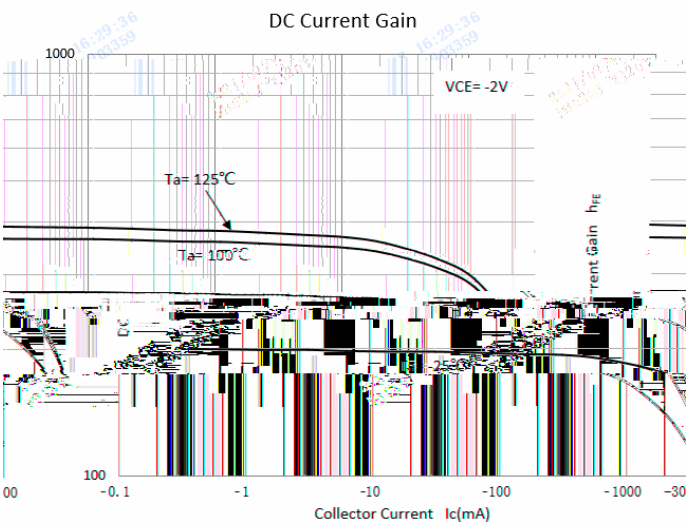
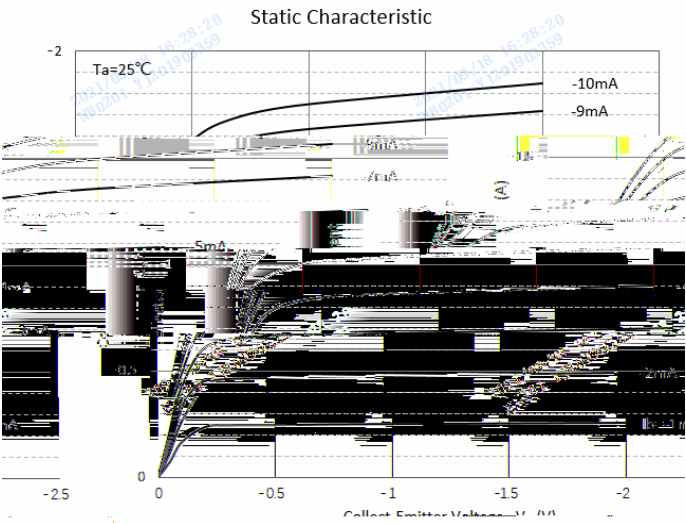
Ordering Information

PREFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
BD772	1	0.15	1000	100	10	By air

Classification of h_{FE}

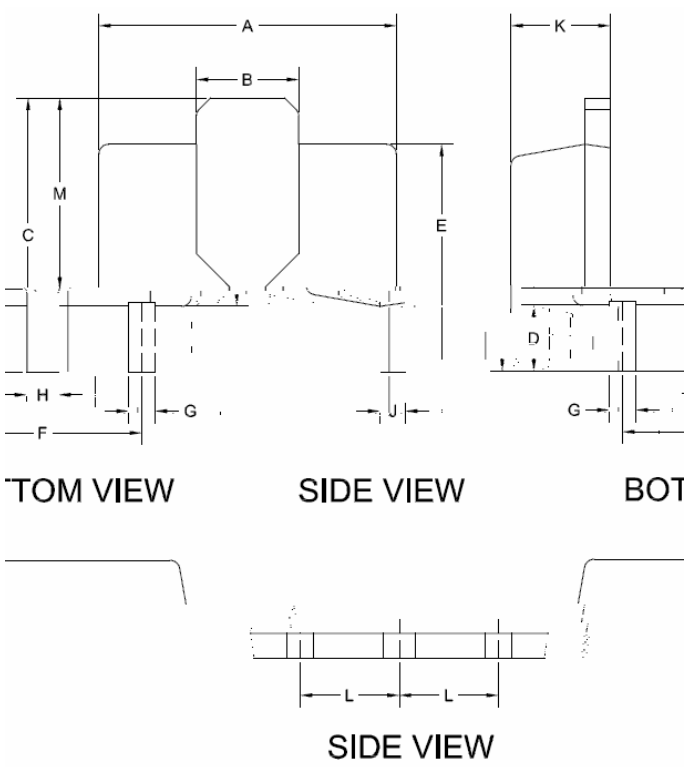
Rank	BD772-Y	BD772-GR
1		

Characteristics

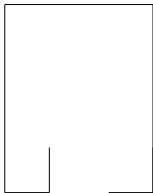




√SOT-89 Package Outline Dimensions



√SOT-89 Suggested Pad Layout





BD772

Disclaimer

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

7KH SURGXFW OLVWHG KHUHLQ LV GHVLHFWGRQRFEHTXVLSEHZLWKRURGGHLYLFWHVVHIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKRHKEDKOXHQFHWGRQURHHQZLWKLQVSDQXPHU
PHGLFDO LQVWUXPHQWVITWLSRQHQRUWHWHURVSDXHOHDEKWLQDFWRLUFRQQWURERODHUU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOEWRDUI OLVEXLHLWQRUWHQSRQYEBJHVHUV
RIVDOH

7KLV SXEOLFDWLRQISODSHHUVHGHVLQURUPDQXLSRQLSGHYRLRXDGGWLWRQDO LQWRHUPDWLR
KWS ZZZ \DQJMLH FRP RU FRQDQWRRXLFHQHFWHXYUW<HQJMLHVVWDQFH