KSB772YS

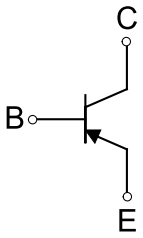
PNP Plastic-Encapsulate Transistors

Features

- Low Speed Switching



TO-126



Package Marking and Ordering Information

Product ID	Pack	Packing Method	Qty(PCS)
KSB772YS	TO-126	Bulk	200

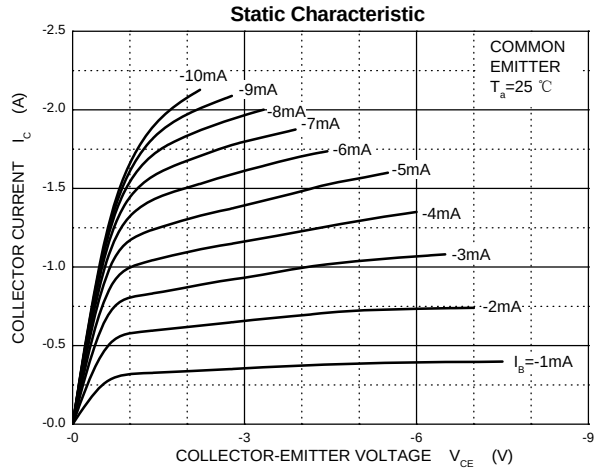
Maximum Ratings (Ta=25°C unless otherwise noted)

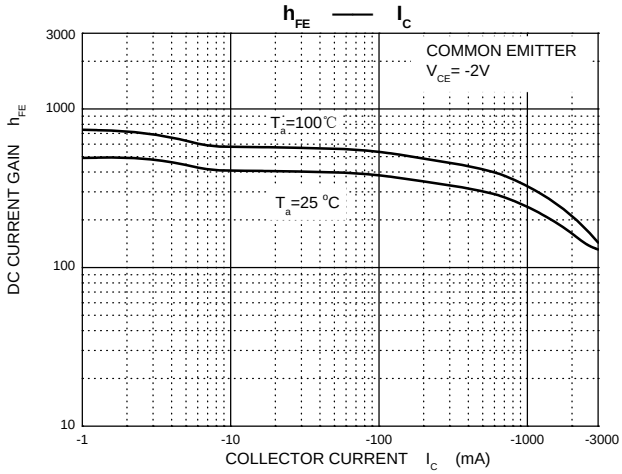
Symbol	Parameter	Value	Unit
V_{CBO}	Collector-Base Voltage	-60	V
V_{CEO}	Collector-Emitter Voltage	-30	V
V_{EBO}	Emitter-Base Voltage	-6	V
I_C	Collector Current -Continuous	-3	A
P_C	Collector Dissipation	1	W
T_J, T_{stg}	Operation Junction and Storage Temperature Range	-55~+150	℃

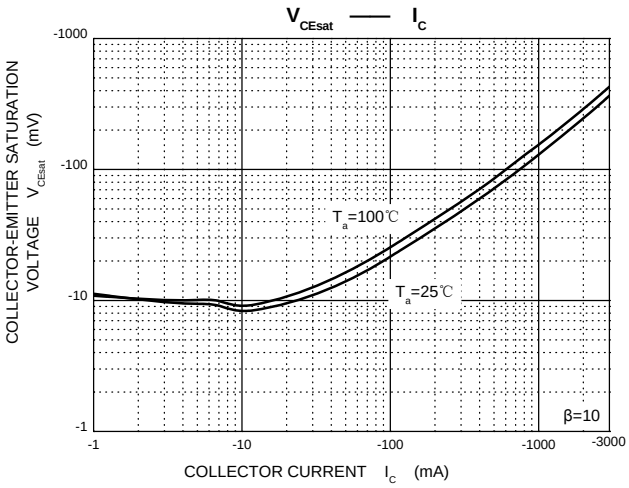
Electrical Characteristics(Ta=25°C unless otherwise specified)

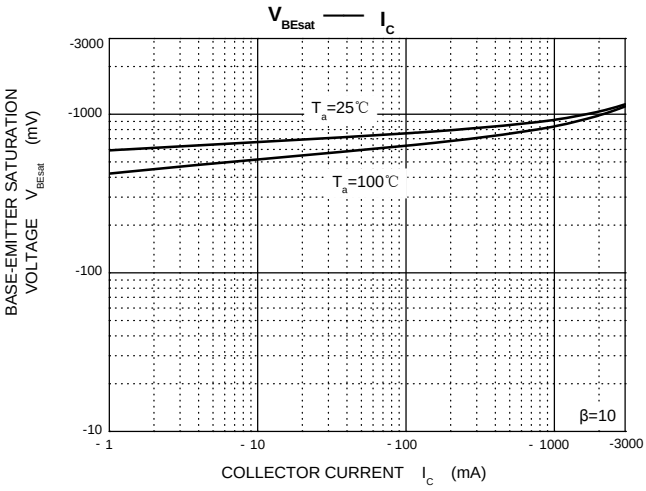
Parameter	Symbol	Test conditions	Min	Max	Unit
Collector-base breakdown voltage	$V_{(BR)CBO}$	I_C= -1mA , I_E=0	-60		V
Collector-emitter breakdown voltage	$V_{(BR)CEO}$	I_C= -1mA , I_B=0	-30		V
Emitter-base breakdown voltage	$V_{(BR)EBO}$	I_E= -1mA , I_C=0	-6		V
Collector cut-off current	I_{CBO}	V_{CB}= -60V, I_E=0		0.1	μA
Collector cut-off current	I_{CEO}	V_{CE}=-30V, I_B=0		0.5	μA
Emitter cut-off current	I_{EBO}	V_{EB}=-6V, I_C=0		0.1	μA
DC current gain	h_{FE}	V_{CE}= -2V, I_C= -1A	200	300	
Collector-emitter saturation voltage	$V_{CE(sat)}$	I_C=-2A, I_B= -0.2A		-0.5	V
Transition frequency	f_T	V_{CE}= -5V, I_C=-0.1A f =10MHz	50		MHz

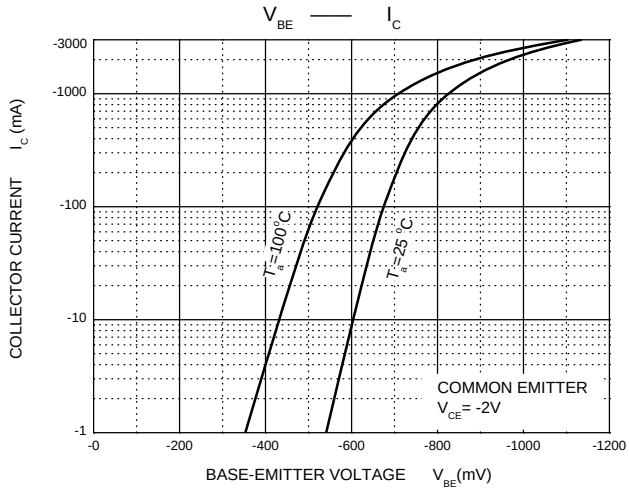
Typical Characteristics

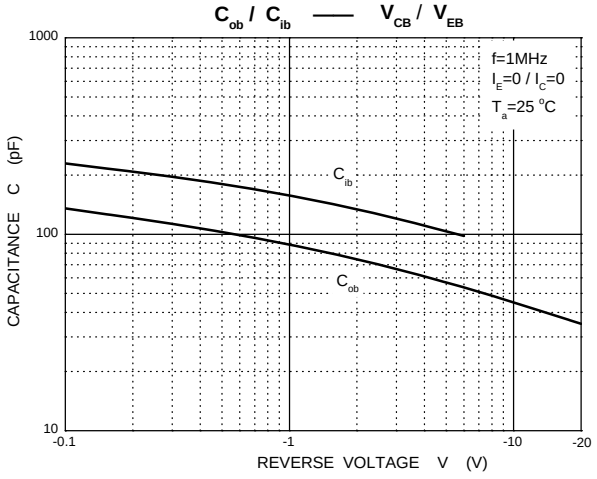


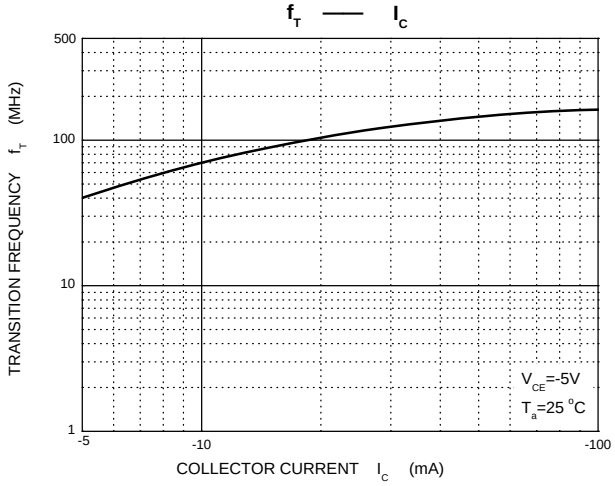


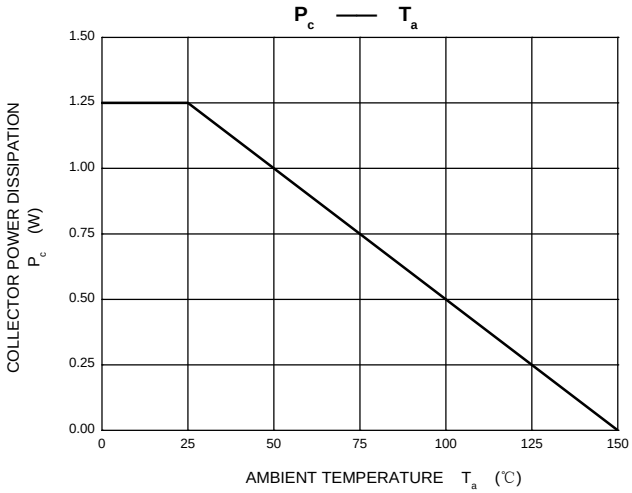




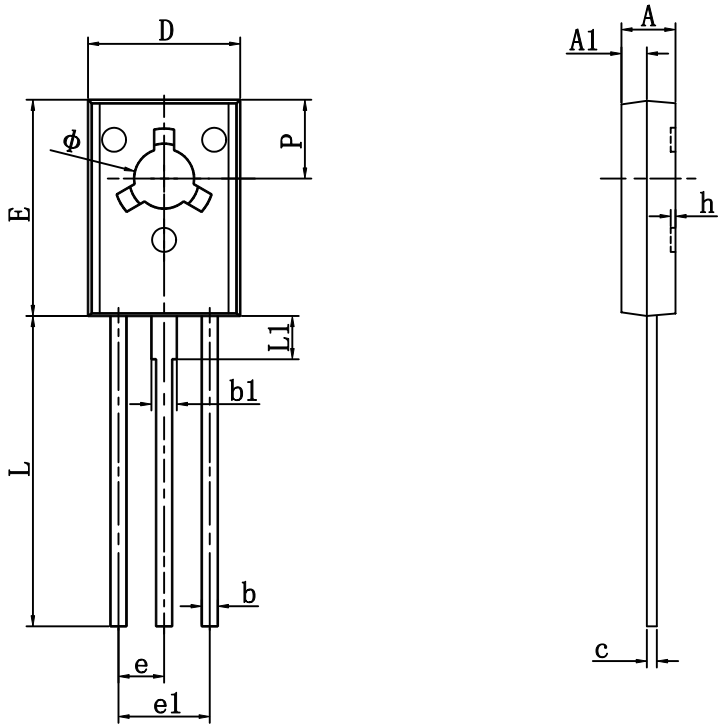








TO-126 Package Outline Dimensions



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	2.500	2.900	0.098	0.114
A1	1.100	1.500	0.043	0.059
b	0.660	0.860	0.026	0.034
b1	1.170	1.370	0.046	0.054
c	0.450	0.600	0.018	0.024
D	7.400	7.800	0.291	0.307
E	10.600	11.000	0.417	0.433
e	2.290 TYP		0.090 TYP	
e1	4.480	4.680	0.176	0.184
h	0.000	0.300	0.000	0.012
L	15.300	15.700	0.602	0.618
L1	2.100	2.300	0.083	0.091
P	3.900	4.100	0.154	0.161
Φ	3.000	3.200	0.118	0.126

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HXY MOSFET:

PESDLC2FD3V3BH PJEC5V0M1FN2 60N06 ESD5L5.0C-HXY HSTS521050B331 HSD15C.TCT HSEN3611D3 PESDNC2XD5VBF PESDSC2FD5VU TPSMB100CA-VR ESD5LM5.0C-HXY HACPDQC5V0-HF HAZ4007-01H HSG3D15B3.3MA LM393DR-HXY AZ4007-01H PESDNC2XD5VBL RLSD32A121V TPSMB28A-VR AQ15C-01FTG AZ4836-01L BV05C-H HCEZ36V,L3F PJSD24CW_R1 HESD36VD3B HSEN2411D3 HESDSLC3V3D3B HRCLAMP3371ZCTFT HLY323BC1524L HPTVSUC3D5VB