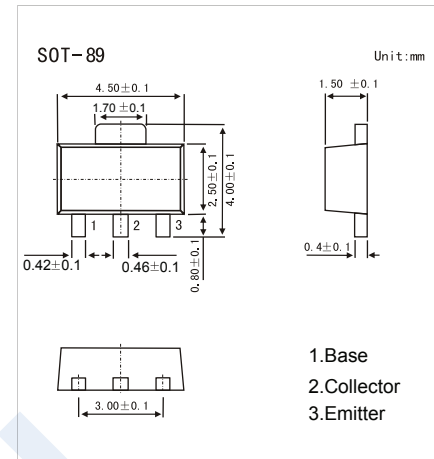


PNP Transistors

2SB772A-HF

■ Features

- PNP transistor High current output up to 3A
- Low Saturation Voltage
- Complement to 2SD882A-HF
- Pb-Free Package May be Available. The G-Suffix Denotes a Pb-Free Lead Finish



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V _{CB0}	-70	V
Collector to Emitter Voltage	V _{CEO}	-60	V
Emitter to Base Voltage	V _{EBO}	-6	V
Collector Current to Continuous	I _C	-3	A
Collector Dissipation	P _c	0.5	W
Junction Temperature	T _J	150	°C
Storage Temperature	T _{stg}	-55 to 150	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector-base breakdown voltage	V _{CB0}	I _C =-100μA, I _E =0	-70			V
Collector-emitter breakdown voltage	V _{CEO}	I _C =-10 mA, I _B =0	-60			V
Emitter-base breakdown voltage	V _{EBO}	I _E =-100 μA, I _C =0	-6			V
Collector cut-off current	I _{CB0}	V _{CB} =-70 V, I _E =0			-1	μA
Emitter cut-off current	I _{EBO}	V _{EB} =-6V, I _C =0			-1	μA
DC current gain	h _{FE}	V _{CE} =-2V, I _C =-1A	60		400	
		V _{CE} =-2V, I _C =-100mA	32			
Collector-emitter saturation voltage	V _{CE(sat)}	I _C =-2A, I _B =-0.2A			-0.5	V
Base-emitter saturation voltage	V _{BE(sat)}	I _C =-2A, I _B =-0.2A			-1.5	V
Transition frequency	f _T	V _{CE} =-5 V, I _C =-0.1mA, f = 10MHz	50			MHz

■ Classification of h_{FE}(1)

Type	2SB772A-R-HF	2SB772A-Q-HF	2SB772A-P-HF	2SB772A-E-HF
Range	60-120	100-200	160-320	200-400
Marking	772AR _F	772AQ _F	772AP _F	772AE _F