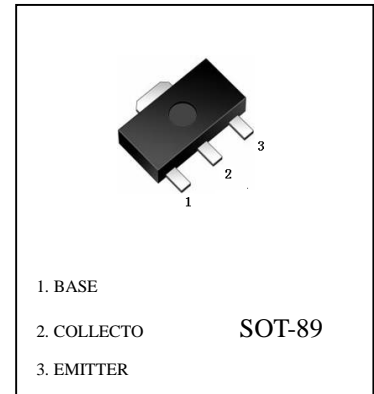


**FEATURES**

Power dissipation

Marking : 772

**B772(PNP)**

**MAXIMUM RATINGS (TA=25°C unless otherwise noted)**

Parameter	Symbol	Value	Unit
Collector-Base Voltage	$V_{CBO}$	-40	V
Collector-Emitter Voltage	$V_{CEO}$	-30	V
Emitter-Base Voltage	$V_{EBO}$	-6	V
Collector Current -Continuous	$I_C$	-1500	mA
Collector Power Dissipation	$P_C$	500	mW
Storage Temperature	$T_{stg}$	-55-150	°C

**ELECTRICAL CHARACTERISTICS (Tamb=25°C unless otherwise specified)**

Parameter	Symbol	Test conditions	Min	Typ	Max	Unit
Collector-base breakdown voltage	$V_{CBO}$	$I_C = -100\mu A, I_E = 0$	-40			V
Collector-emitter breakdown voltage	$V_{CEO}$	$I_C = -10mA, I_B = 0$	-30			V
Emitter-base breakdown voltage	$V_{EBO}$	$I_E = -100\mu A, I_C = 0$	-6			V
Collector cut-off current	$I_{CBO}$	$V_{CB} = -40V, I_E = 0$			-1	$\mu A$
Collector cut-off current	$I_{CEO}$	$V_{CE} = -30V, I_B = 0$			-10	$\mu A$
Emitter cut-off current	$I_{EBO}$	$V_{EB} = -6V, I_C = 0$			-1	$\mu A$
DC current gain	$h_{FE}$	$V_{CE} = -2V, I_C = -1A$	60		400	
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	$f_T$	$V_{CE} = -5V, I_C = -0.1A$ $f = 10MHz$		80		MHz

**CLASSIFICATION OF HFE**

Rank	R	O	Y	GR
Range	60-120	100-200	160-320	200-400

**B772** Typical Characteristics

