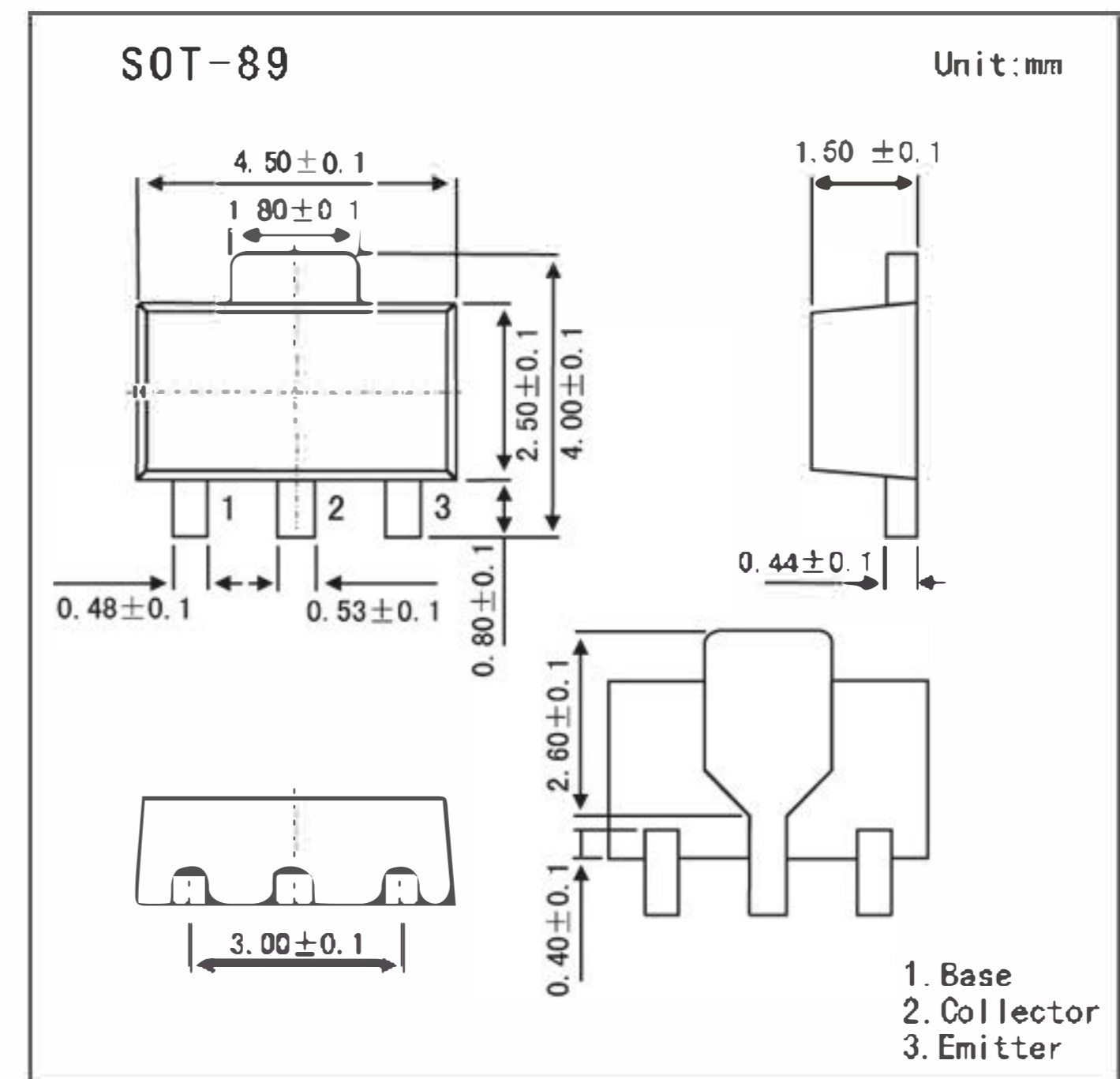


## ● Features

Large collector power dissipation PC

Mini type package, allowing downsizing of the equipment and automatic insertion through the tape packing and the magazine packing



## ● Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Collector-base voltage	$V_{CB0}$	-30	V
		2SB766A	
Collector-emitter voltage	$V_{CEO}$	-25	V
		2SB766A	
Emitter-base voltage	$V_{EBO}$	-5	V
Collector current	$I_C$	-1	A
Peak collector current	$I_{CP}$	-1.5	A
Collector power dissipation	$P_C$	-1	W
Junction temperature	$T_j$	150	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-55 to +150	$^\circ\text{C}$

● Electrical Characteristics  $T_a = 25^\circ\text{C}$

Parameter		Symbol	Testconditons	Min	Typ	Max	Unit
Collector-base voltage	2SB766	V <sub>CBO</sub>	I <sub>C</sub> = -10 $\mu$ A, I <sub>E</sub> = 0	-30			V
	2SB766A			-60			
Collector-emitter voltage	2SB766	V <sub>CEO</sub>	I <sub>C</sub> = -2 mA, I <sub>B</sub> = 0	-25			V
	2SB766A			-50			
Emitter-base voltage		V <sub>EBO</sub>	I <sub>E</sub> = -10 $\mu$ A, I <sub>C</sub> = 0	-5			V
Collector-base cutoff current		I <sub>CBO</sub>	V <sub>CB</sub> = -20 V, I <sub>E</sub> = 0			-0.1	nA
Forward current transfer ratio		h <sub>FE</sub>	V <sub>CE</sub> = -10 V, I <sub>C</sub> = -500 mA	85		340	
			V <sub>CE</sub> = -5 V, I <sub>C</sub> = -1 A	50			
Collector-emitter saturation voltage		V <sub>CE(sat)</sub>	I <sub>C</sub> = -500 mA, I <sub>B</sub> = -50 mA		-0.2	-0.4	V
Base-emitter saturation voltage		V <sub>BE(sat)</sub>	I <sub>C</sub> = -500 mA, I <sub>B</sub> = -50 mA		-0.85	-1.2	V
Transition frequency		f <sub>T</sub>	V <sub>CB</sub> = -10 V, I <sub>E</sub> = 50 mA, f = 200 MHz		200		MHz
Collector output capacitance		C <sub>ob</sub>	V <sub>CB</sub> = -10 V, I <sub>E</sub> = 0, f = 1 MHz		20	30	pF

● h<sub>FE</sub> Classification

Rank		Q	R	S
h <sub>FE</sub>		85~170	120~240	170~340
Marking symbol	2SB766	AQ	AR	AS
	2SB766A	BQ	BR	BS

单击下面可查看定价，库存，交付和生命周期等信息

[>>SHIKUES\(时科\)](#)