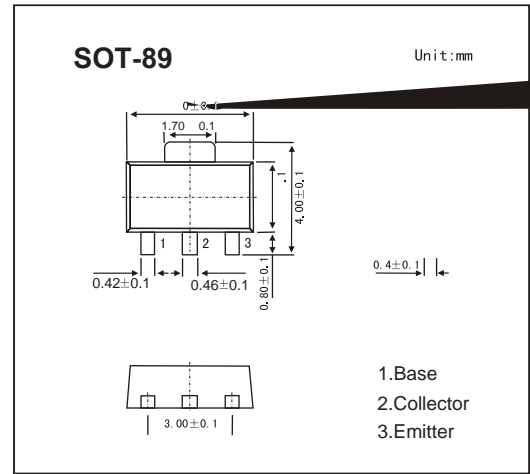


GCH-, - D`Ugh]W!9bWUdg i`UhY`HfUbg]ghcfcg`

: 95H I F9GÁÁÁÁ  
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 VÜCEÞÚQÙVUÜÁÇÚÞÚD  
**A97 < 5B=75 @ `85H5`**  
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A5L=A I A F5H=B ; G 5B8 7 < 5F57H9F=G H=7G

Parameter	Symbol	Rating	Unit
Collector - Base Voltage	V <sub>CB0</sub>	-120	V
Collector - Emitter Voltage	V <sub>CE0</sub>	-120	
Emitter - Base Voltage	V <sub>EB0</sub>	-5	
Collector Current - Continuous	I <sub>c</sub>	-800	mA
Base Current	I <sub>B</sub>	-160	
Collector Power Dissipation	P <sub>c</sub>	500	mW
		1	W
Junction Temperature	T <sub>J</sub>	150	
Storage Temperature range	T <sub>stg</sub>	-55 to 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector- base breakdown voltage	V <sub>CB0</sub>	I <sub>c</sub> = -1mA I <sub>E</sub> =0	-120			
Collector- emitter breakdown voltage	V <sub>CE0</sub>	I <sub>c</sub> = -10 mA I <sub>B</sub> =0	-120			
Emitter - base breakdown voltage	V <sub>EB0</sub>	I <sub>E</sub> = -1mA I <sub>c</sub> =0	-5			
Collector-base cut-off current	I <sub>cBO</sub>	V <sub>CB</sub> = -120 V , I <sub>E</sub> =0			-100	
Emitter cut-off current	I <sub>EBO</sub>	V <sub>EB</sub> = -5V , I <sub>c</sub> =0			-100	
Collector-emitter saturation voltage	V <sub>CE(sat)</sub>	I <sub>c</sub> =-500 mA, I <sub>B</sub> =-50mA			-1	
Base - emitter saturation voltage	V <sub>BE(sat)</sub>	I <sub>c</sub> = -500 mA, I <sub>B</sub> =- 50mA			-1.2	
Base - emitter voltage	V <sub>BE</sub>	V <sub>CE</sub> = -5V, I <sub>c</sub> = -500mA			-1	
DC current gain	h <sub>FE</sub>	V <sub>CE</sub> = -5V, I <sub>c</sub> = -100mA	80		240	
Collector output capacitance	C <sub>ob</sub>	V <sub>CB</sub> = -10V, I <sub>E</sub>				



?H5%\* \*\*%

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$I_C - V_{CE}$

COLLECTOR CURRENT

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