

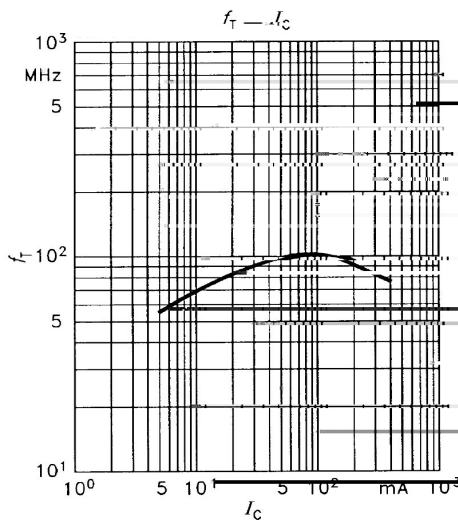
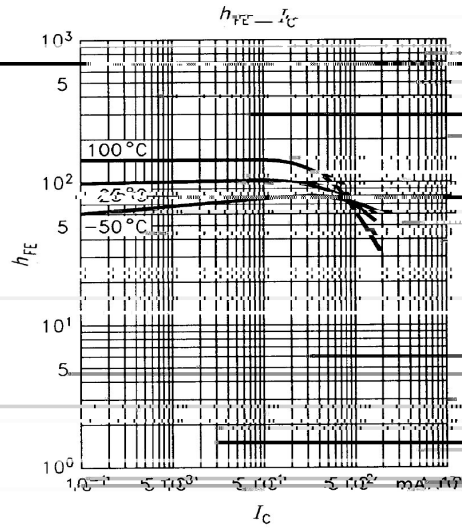
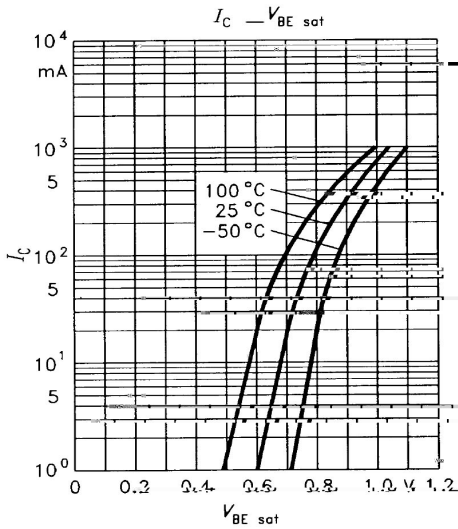
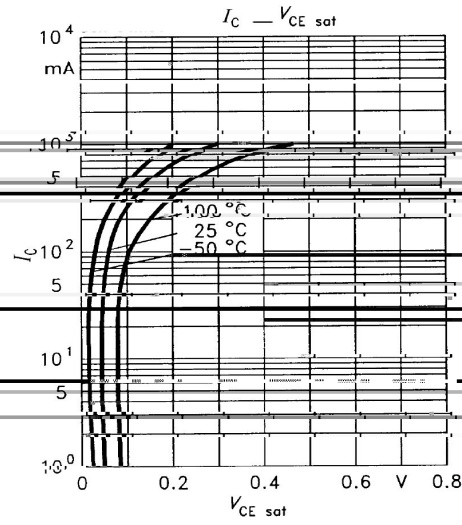
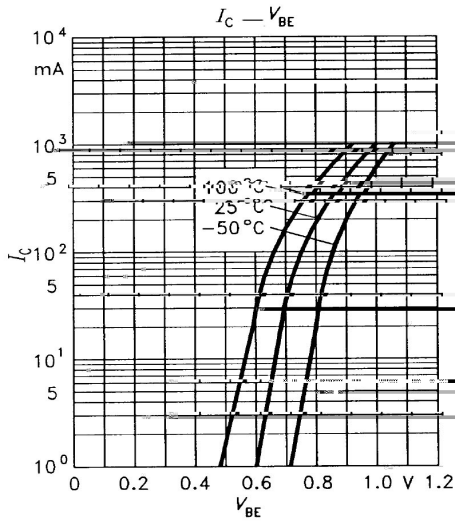
**BCX56**

Collector to Emitter Voltage	$V_{CEO}$	80	V
Emitter to Base Voltage	$V_{EBO}$	5	V
Collector Current-Continuous	$I_C$	1	A
Peak Collector Current	$I_{CM}$	1.5	A
Peak Base Current	$I_{BM}$	0.2	A
Collector Power Dissipation	$P_C(T_C=25^\circ\text{C})$	1.3	W
Storage Temperature Range	$T_{stg}$	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	$V_{CBO}$	$I_C=100\text{ A}$ $I_E=0$	100			V
Collector to Emitter Breakdown Voltage	$V_{CEO}$	$I_C=500\text{ A}$ $I_B=0$	80			V

Emitter to Base Breakdown Voltage V

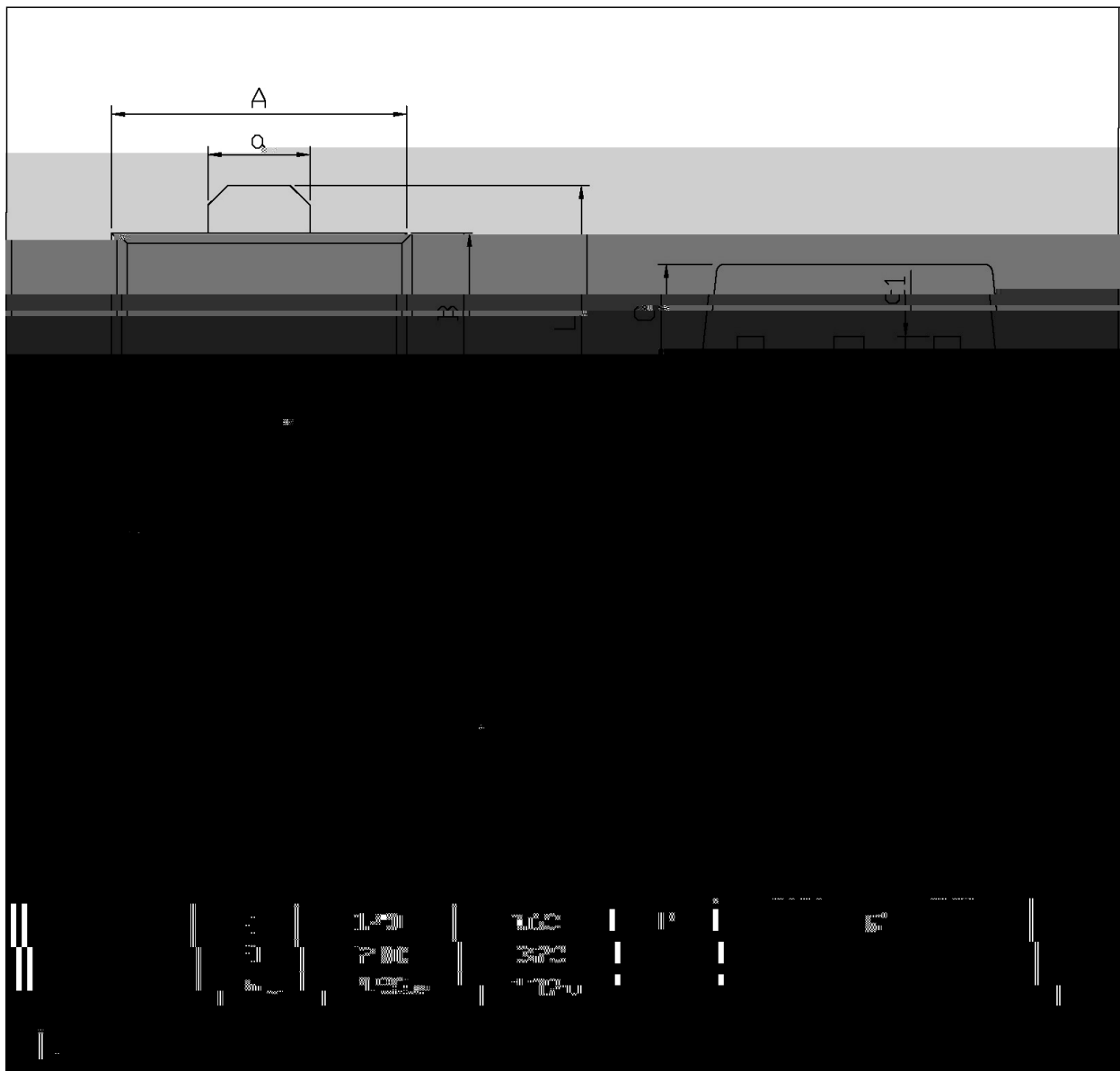
**/ Electrical Characteristic Curve**



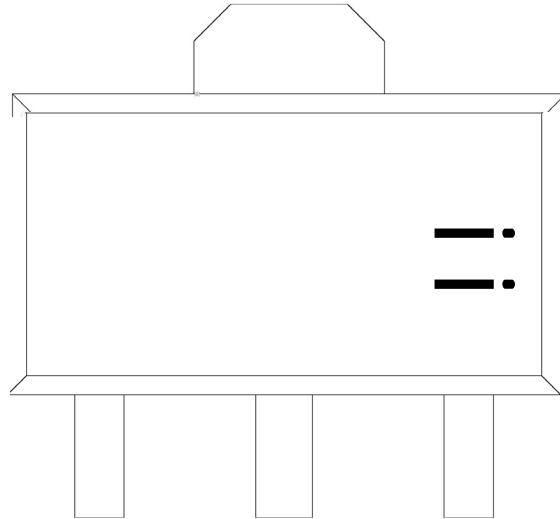
/ Package Dimensions

SOT-89

单位: mm



**/ Marking Instructions**



H

BK

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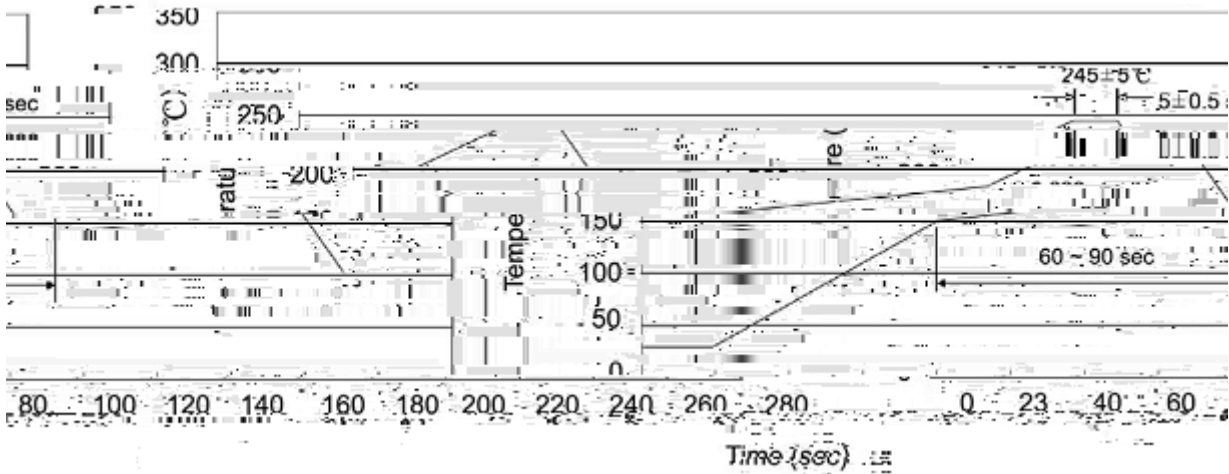
Note:

H: Company Code.

BK: Product Type.

\*\* : Lot No. Code, code change with Lot No.

( ) / Resistance to Soldering Heat Test Conditions



Note:

- |   |        |           |   |
|---|--------|-----------|---|
| 1 | 25 150 | 60 90sec; | 1.Preheating:25~150 , Time:60~90sec.    |
| 2 | 245±5  | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | 2~10   | /sec.     | 3. Cooling Speed: 2~10 /sec.            |

/ Resistance to Soldering Heat Test Conditions

260±5                      10±1 sec.                      Temp.:260±5                      Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOT-89	1,000	7	7,000	8	56,000	7 ×12	180×120×180	385×257×392

/ Notices