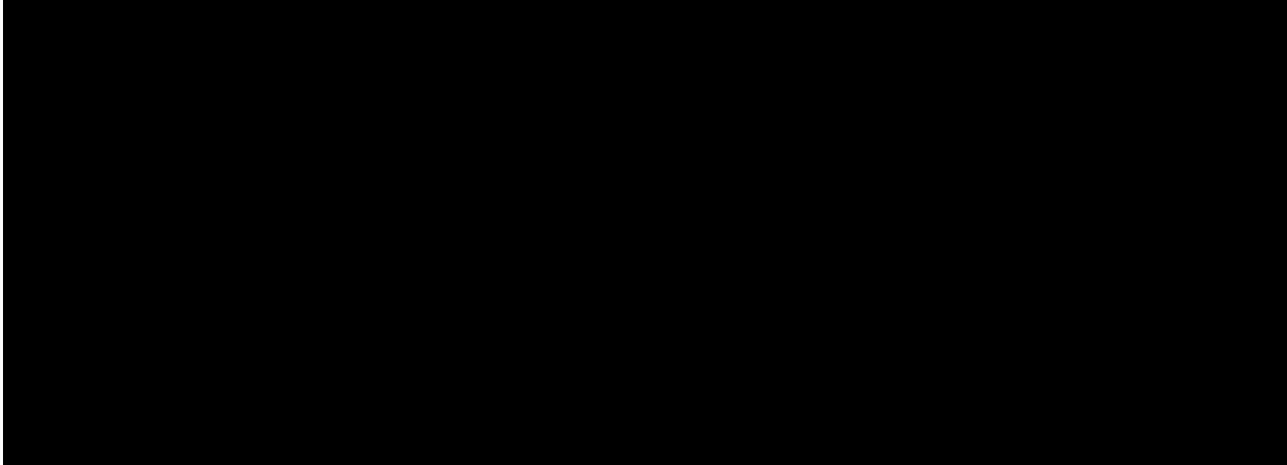


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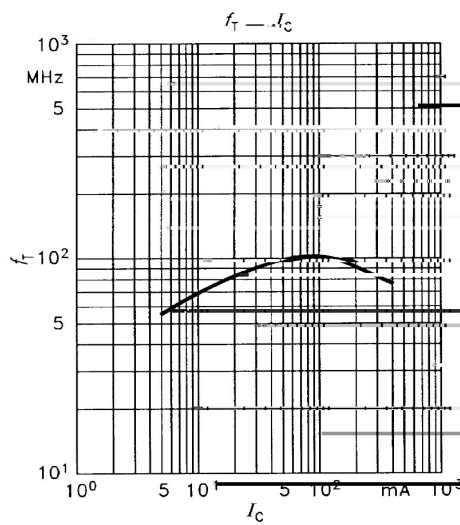
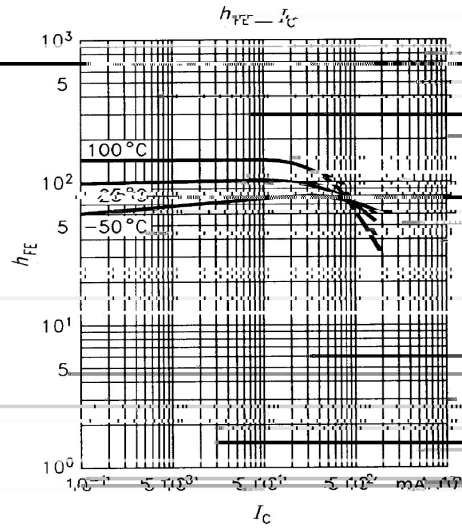
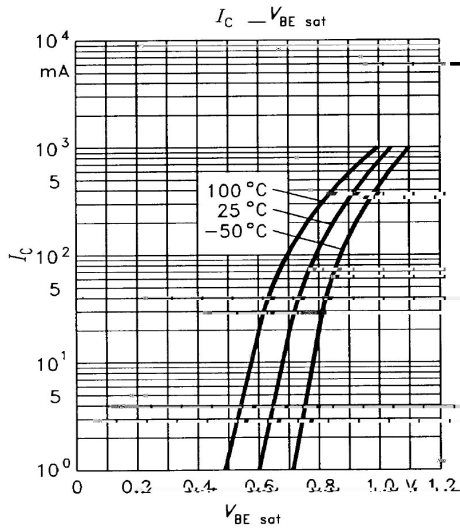
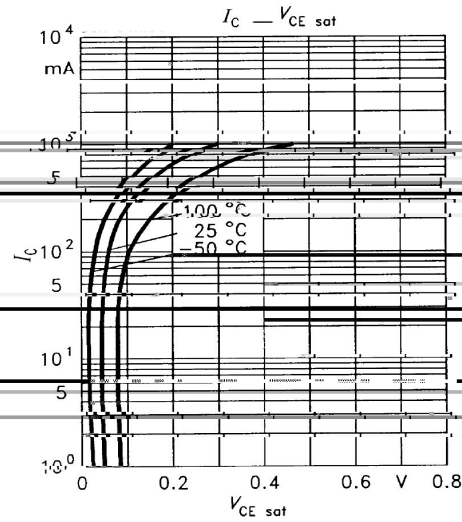
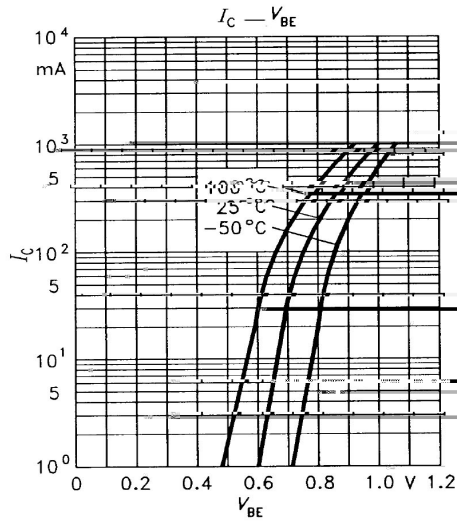


Collector to Emitter Voltage	V_{CE0}	80	V
Emitter to Base Voltage	V_{EBO}	5	V
Collector Current-Continuous	I_C	1	A
Peak Collector Current	I_{CM}	1.5	A
Peak Base Current	I_{BM}	0.2	A
Collector Power Dissipation	$P_C(T_C=25^\circ\text{C})$	1.3	W
Storage Temperature Range	T_{stg}	-55° 150	

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

Emitter to Base Breakdown Voltage V

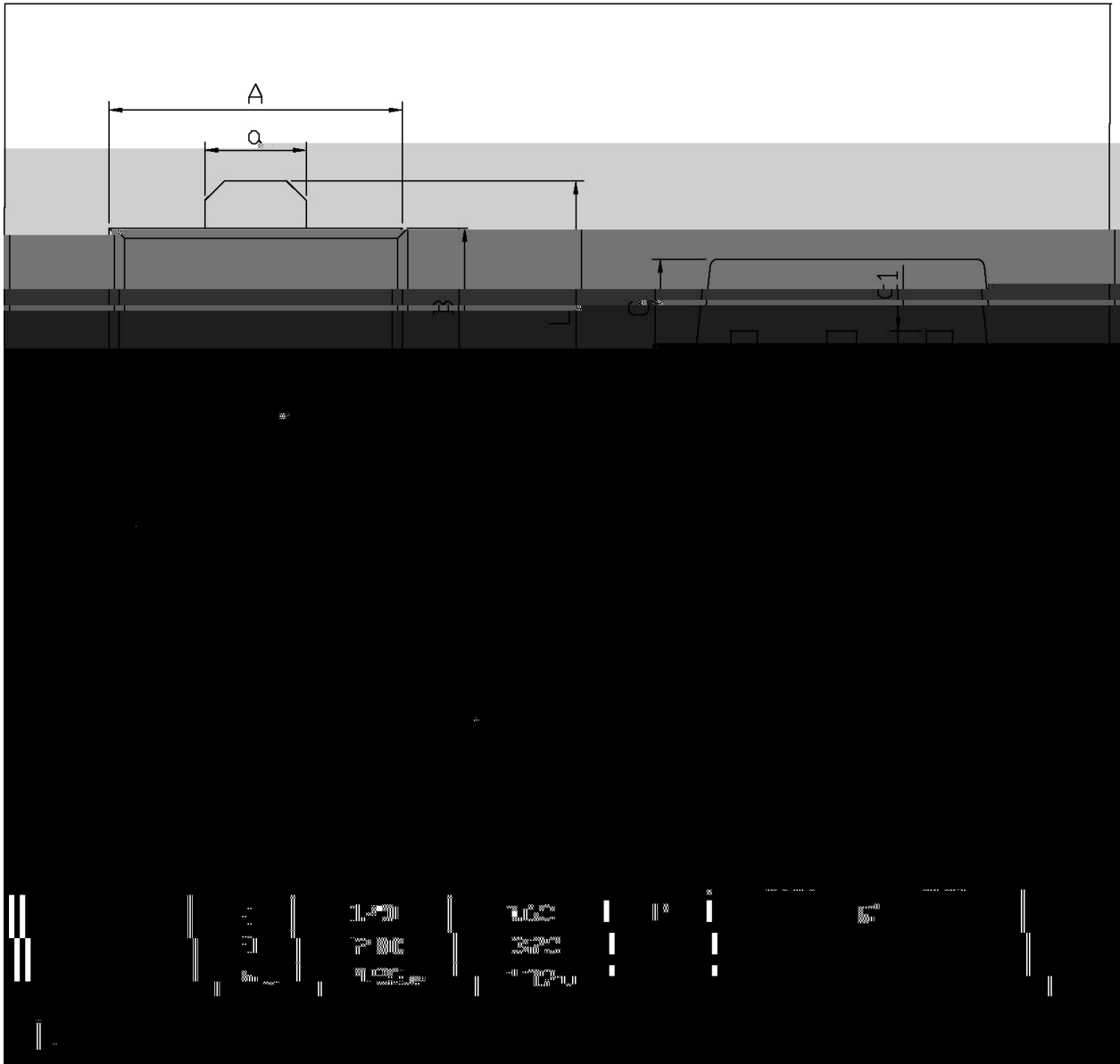
■ **Ⅳ / Electrical Characteristic Curve**



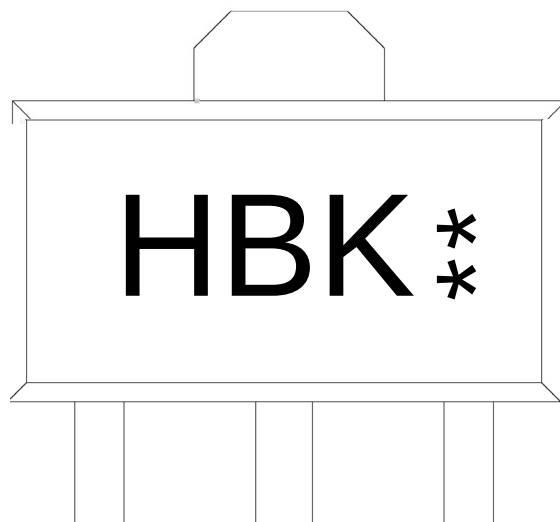
/ Package Dimensions

SOT-89

单位: mm



/ Marking Instructions



" X

H X 公司代码

BK X 产品代码

** X 批次代码，代码变更与批次代码

Note:

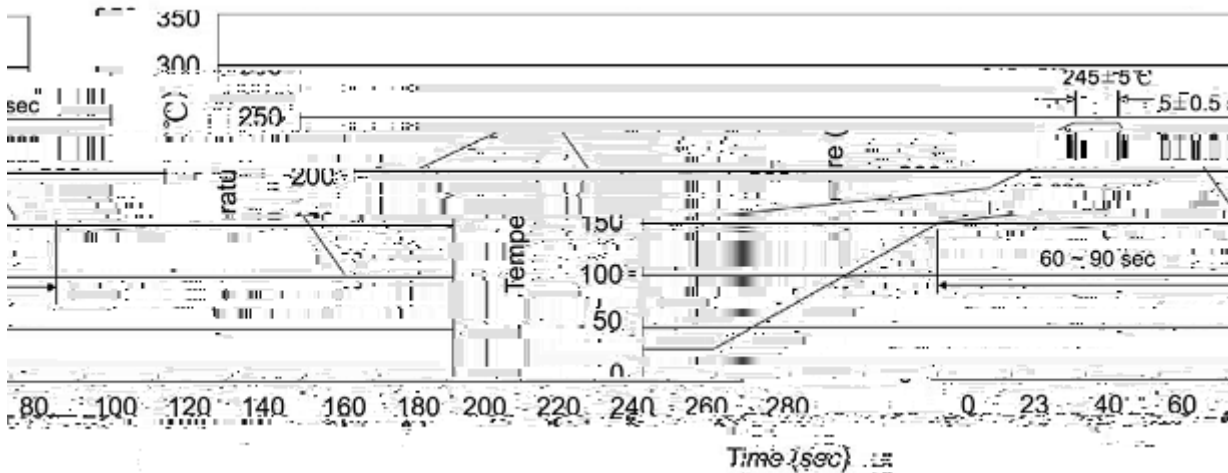
H: Company Code.

BK: Product Type.

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



1. Soldering Temperature: 245±5℃, Time: 5±0.5sec.



2. Note:

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

Note:

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

4. Resistance to Soldering Heat Test Conditions

□ 260±5℃, Time: 10±1 sec. Temp.: 260±5 Time: 10±1 sec

— / Packaging SPEC.

□ / REEL

Package Type	Units					Dimension (unit mm ³)		
	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 p ×12	180×120×180	385×257×392

v / Notices