

/ Descriptions

WR0<50 P ММ QSQ æ Ñ ç s ll 1 Silicon NPN transistor in a TO-92LM Plastic Package.

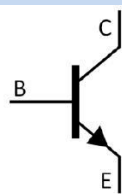
/ Features

с ll ã ¨Q l ' z / ð я H/ ' лъ 5VD<67 Ъ
High P_C, low collector saturation voltage, complementary pair with 2SA934.

/ Applications

ꢁꢁꢁ 4 K 5 Z H ѿ z
1 2W low frequency amplifiers.

/ Equivalent Circuit



/ Pinning

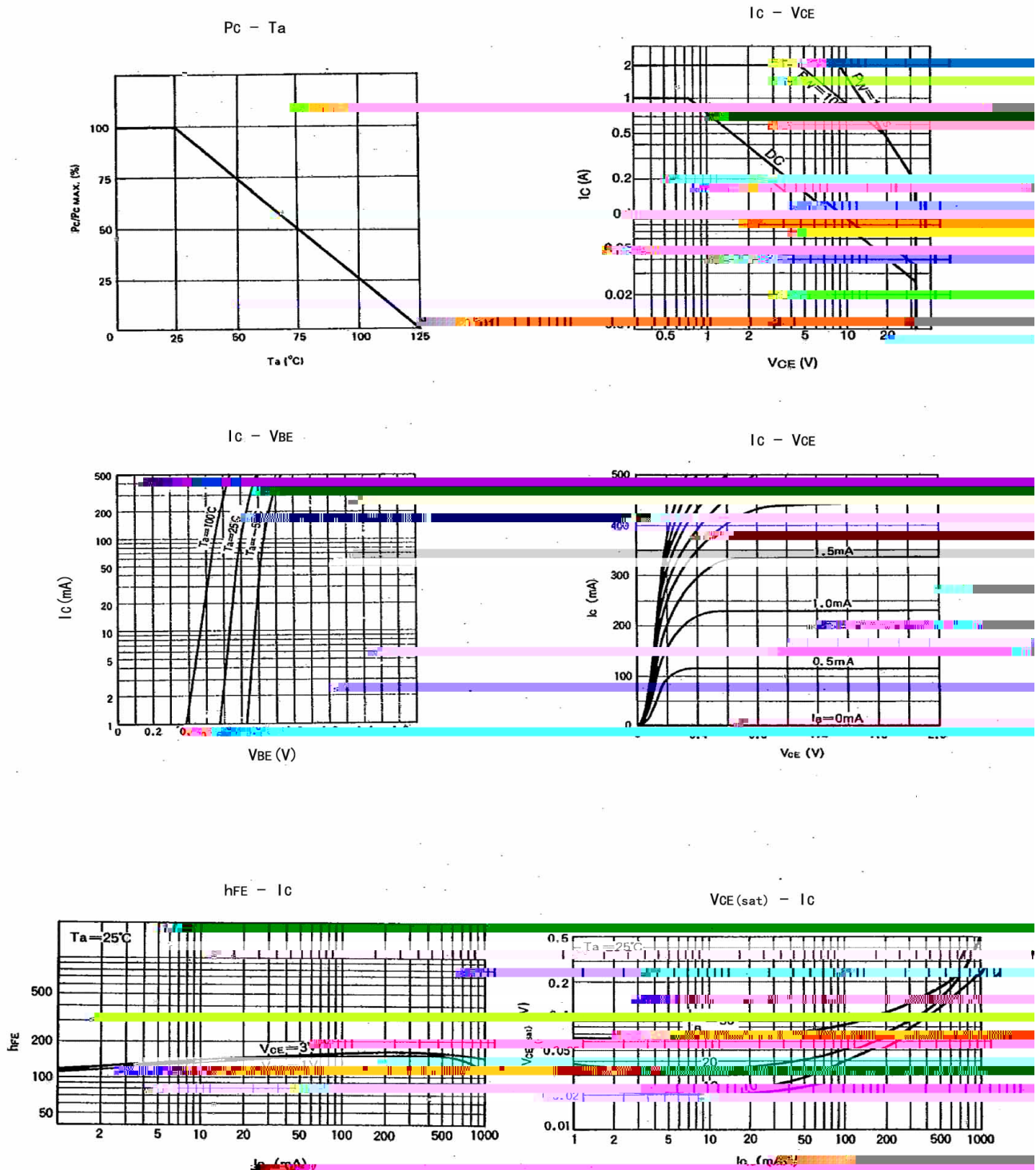


PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

/ h_{FE} Classifications & Marking

h _{FE} Classifications Symbol	P	Q	R
h _{FE} Range	82 180	120 270	180 390

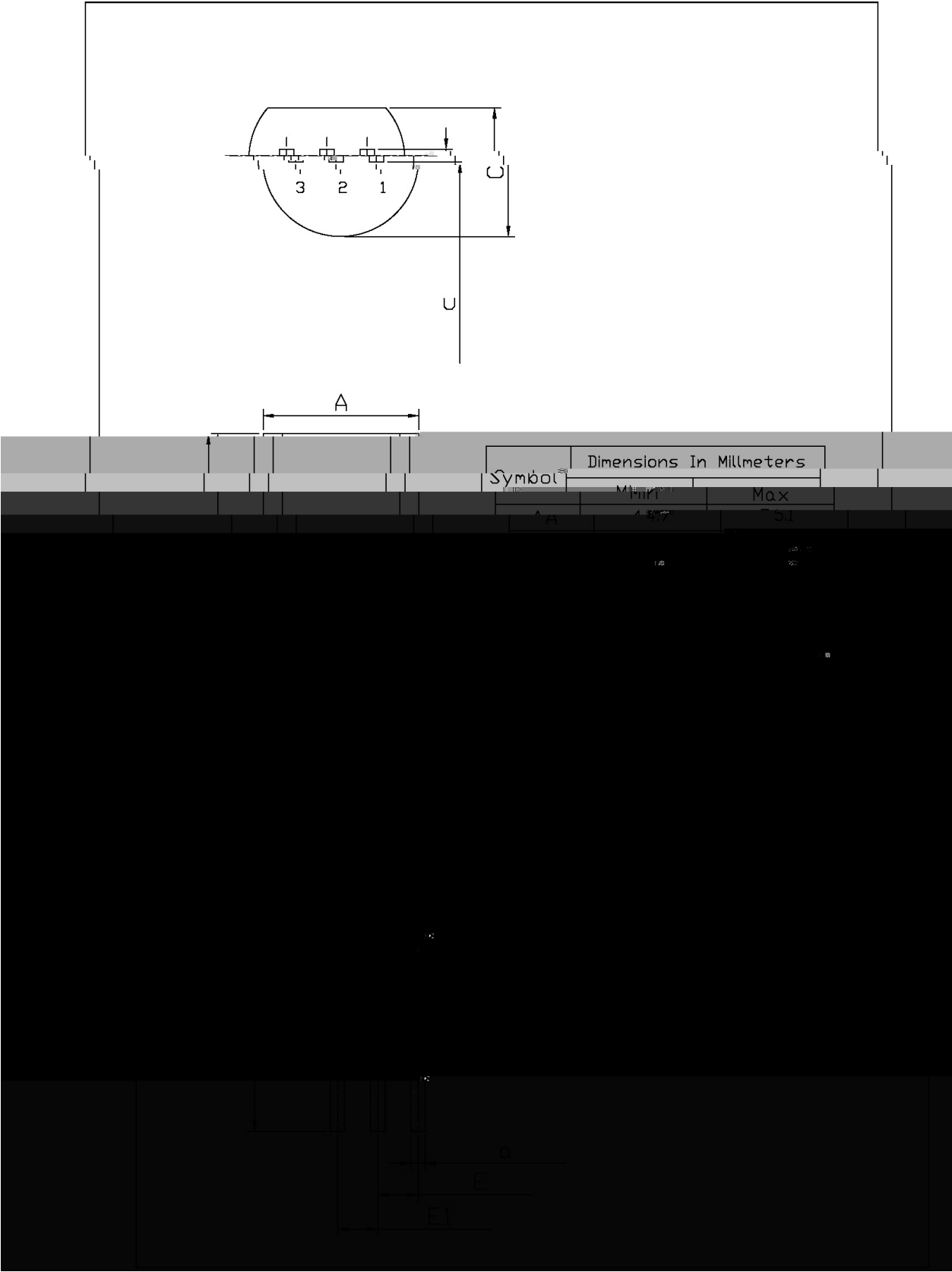
/ Electrical Characteristic Curve



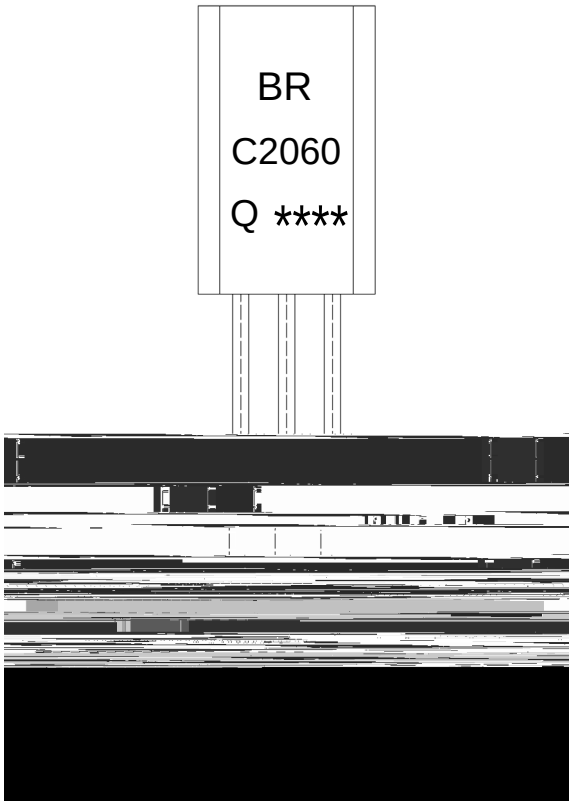
/ Package Dimensions

TO-92LM

Unit: mm

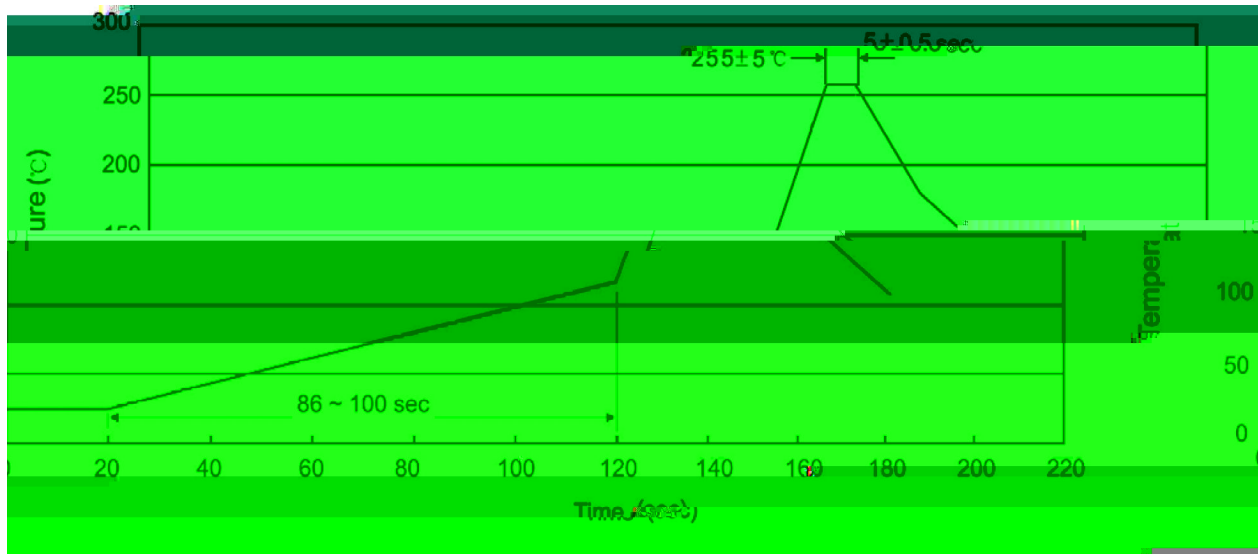


/ Marking Instructions



” X	
EU:	ꯏ ꯚ ꯍ ꯓ
F5393 X	ꯏ ꯚ ꯍ ꯓ
T:	ꯏ kꯍꯐꯐ ꯍ ꯓ
---- X	ꯏ ꯚ ꯍ ꯓ ꯍ ꯓ ꯍ ꯓ ꯍ ꯓ
Note:	
BR:	Company Code.
C2060:	Product Type.
Q:	h _{FE} Classifications Symbol
****:	Lot No. Code,code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



1. Preheating: 25~150 °C, Time: 60~90sec;
2. Peak Temp.: 255±5 °C, Duration: 5±0.5sec;
3. Cooling Speed: 2~10 °C/sec.

- Note:
1. Preheating: 25~150 °C, Time: 60~90sec.
2. Peak Temp.: 255±5 °C, Duration: 5±0.5sec.
3. Cooling Speed: 2~10 °C/sec.

/ Resistance to Soldering Heat Test Conditions

Preheating: 25~150 °C, Time: 60~90sec. Temp.: 270±5 °C, Time: 10±1 sec.

/ Packaging SPEC.

TO-92LM / BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-92LM	1,000	8	8,000	5	40,000	135×190	237×172×102	560×245×195

TO-92LM / AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	Units/tape 只/纸带	Tape/Inner Box 纸带/盒	Rows/Inner Box 纸带层/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Inner Box 盒	Outer Box 箱
TO-92LM	2,500	1	100	10	25,000	328×230×42	小箱 480×346×235 大箱 547×407×268

/ Notices