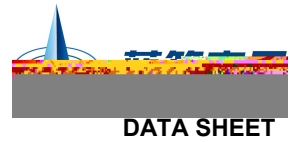


MMBT5401

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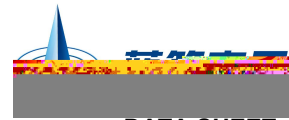


SOT-23

PNP

Silicon PNP transistor in a SOT-23 Plastic Package.

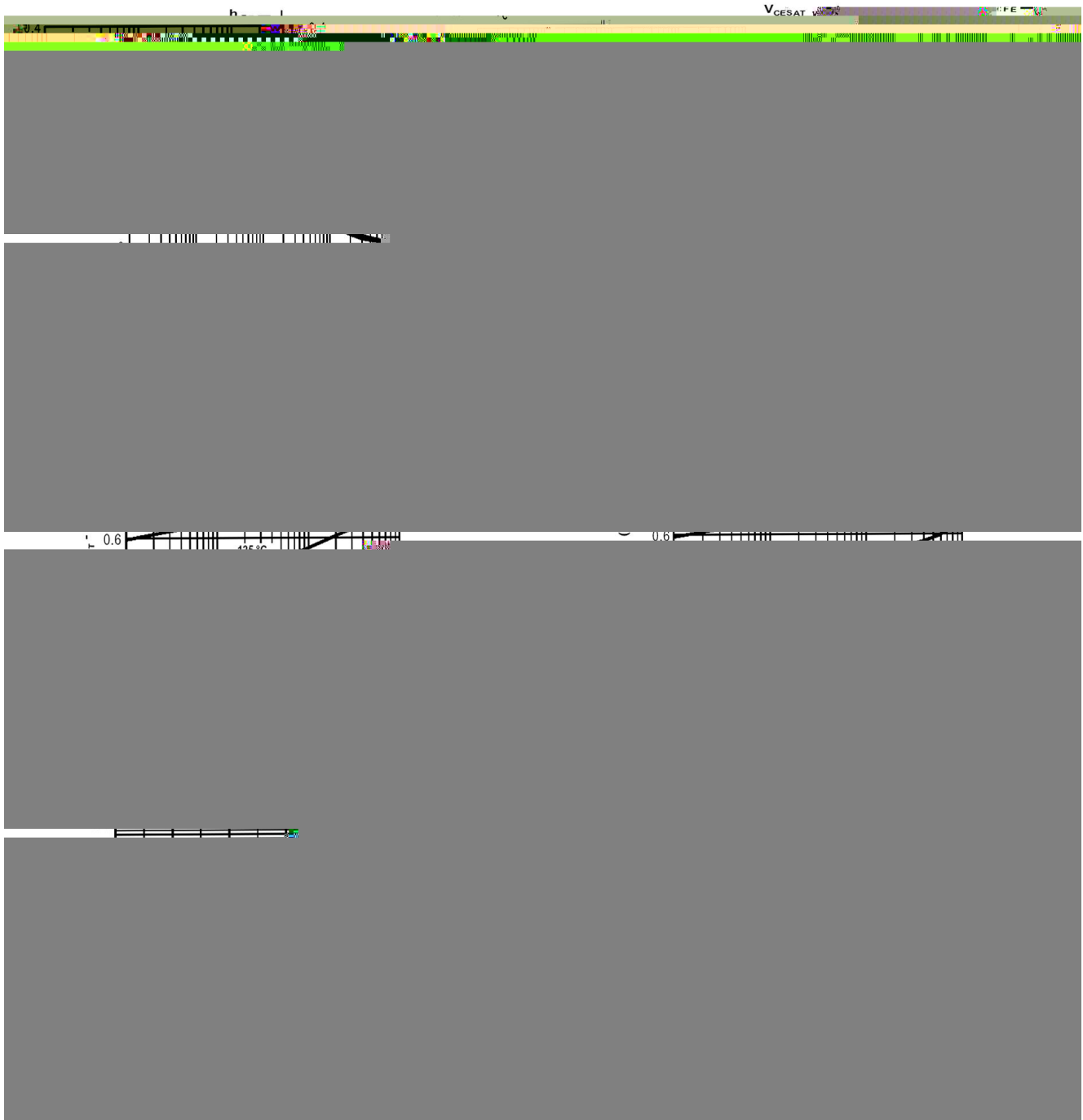
, MMBT5



Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-180	V
Collector to Emitter Voltage	V_{CEO}	-160	V
Emitter to Base Voltage	V_{EBO}	-6.0	V
Collector Current	I_C	-600	mA
Base Current	I_B	-300	mA
Collector Power Dissipation	P_C	300	mW
Junction Temperature	T_J	150	°C
Storage Temperature Range	T_{stg}	-55~150	°C

Parameter	Symbol	Test Conditions	Min	Typ	Unit
Collector to Base Voltage	V_{CBO}	$I_C = -R$			

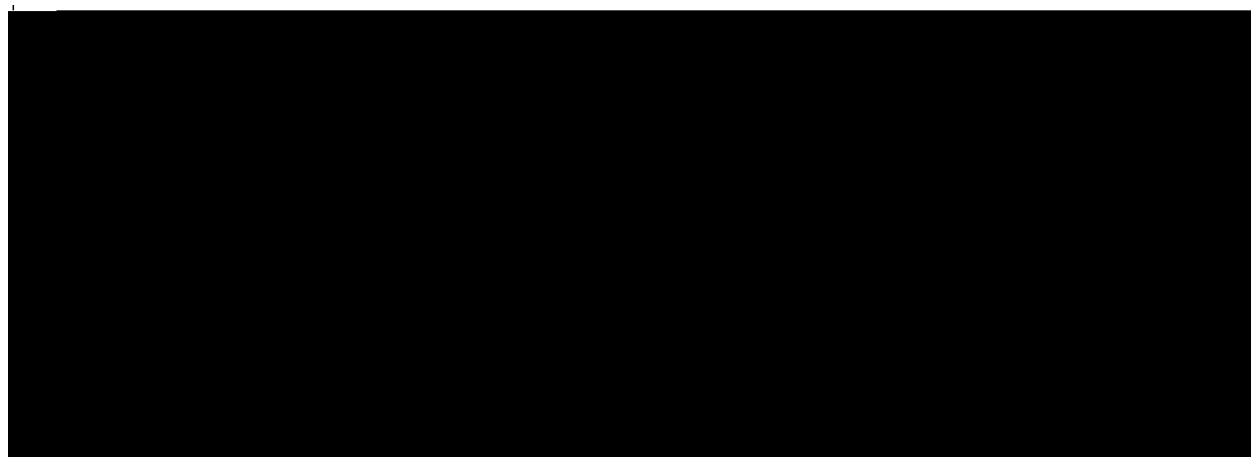
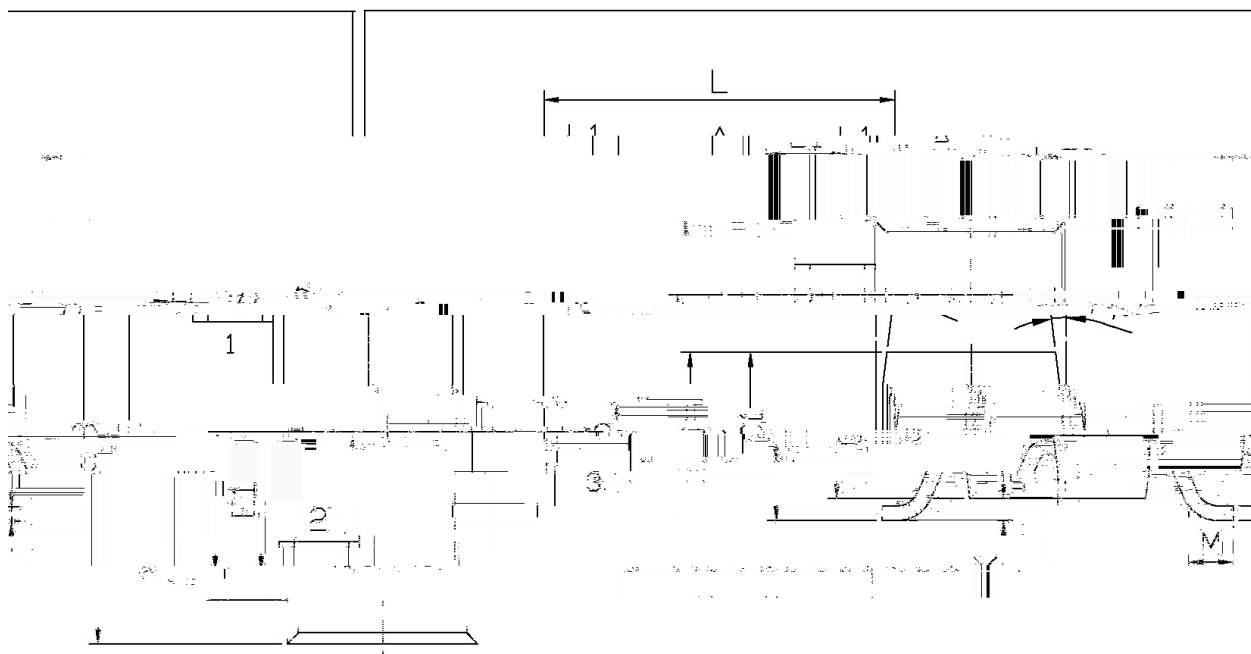
电参数曲线图 / Electrical Characteristic Curve



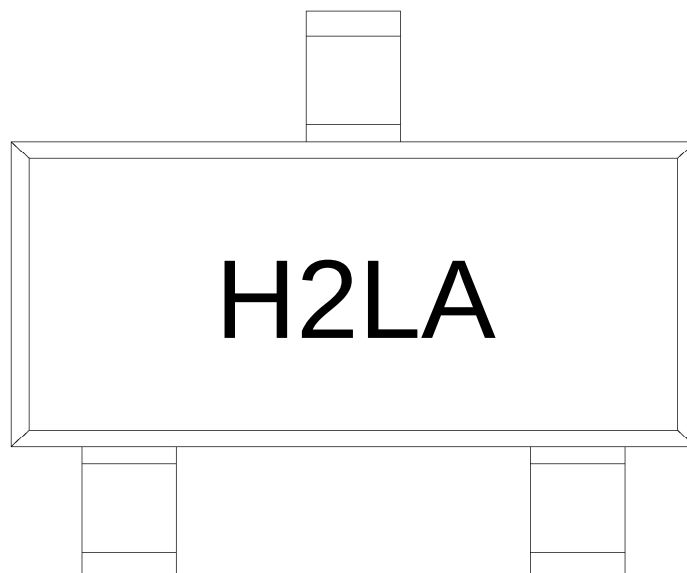
外形尺寸图 / Package Dimensions

SOT-23

单位: mm



印章说明 / Marking Instructions



H

2L

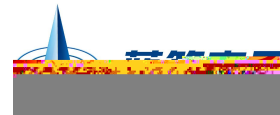
A h_{FE}

Note:

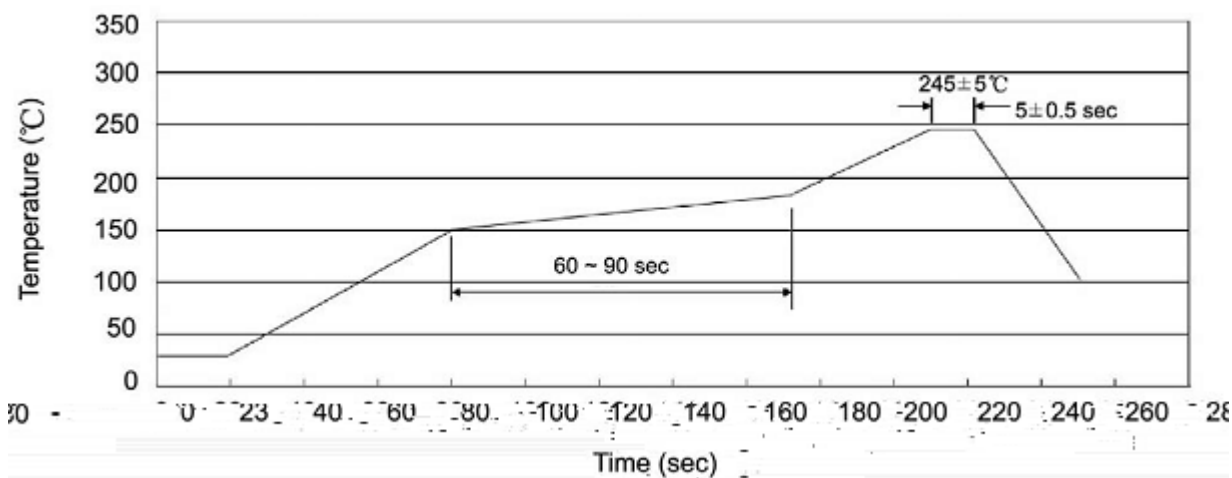
H Company Code

2L Product Type Code

A h_{FE} Classifications Symbol Code



回流焊温度曲线图(无铅) / Temperature Profile for Reflow Soldering



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. |

焊 / Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量			Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel Inner Box 盒 Outer Box 箱