

--	--	--

MMBT4401W

Rev.F Dec.-2021



DATA SHEET

/ Descriptions

SOT-323 NPN Silicon NPN transistor in a SOT-323 Plastic Package.

/ Features

ESD 4KV 400V

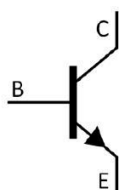
ESD Rating: Human Body Model; 4 kV, Machine Model; 400 V. HF Product.

/ Applications

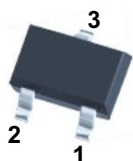
I_C 500mA

Medium power amplifier and switch requiring collector currents up to 500 mA.

/ Equivalent Circuit



/ Pinning

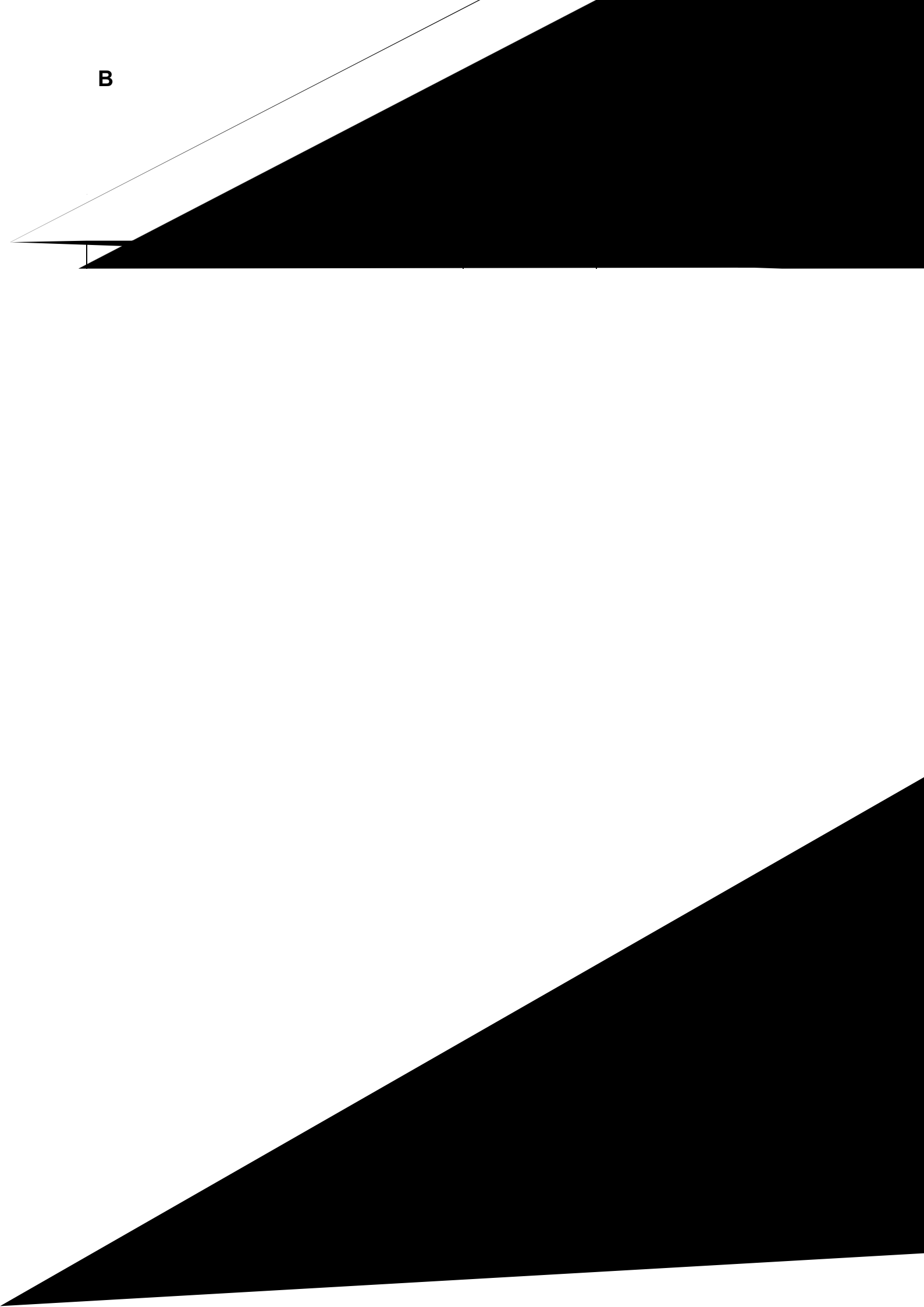


PIN1 Emitter PIN 2 Base PIN 3 Collector

/ Marking

Marking	H2X
---------	-----

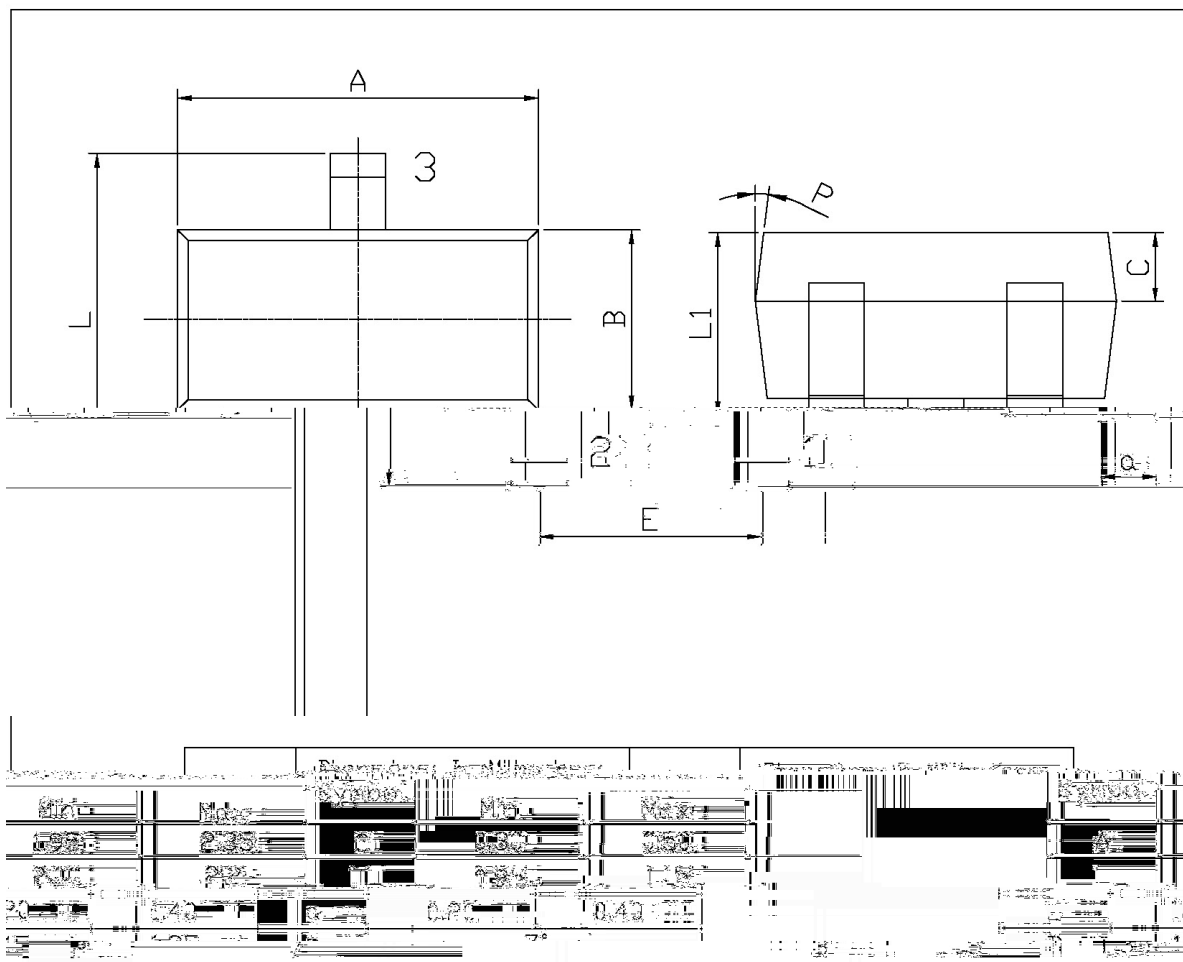
B



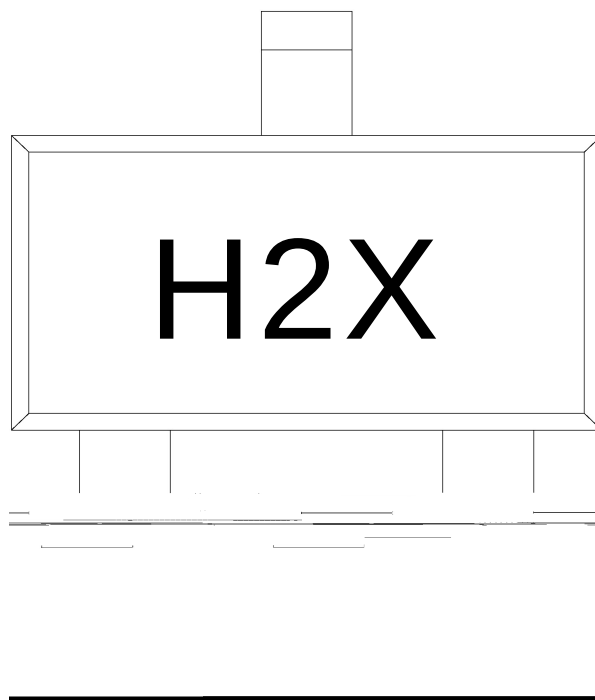
/ Package Dimensions

SOT-323

单位: mm



/ Marking Instructions



H

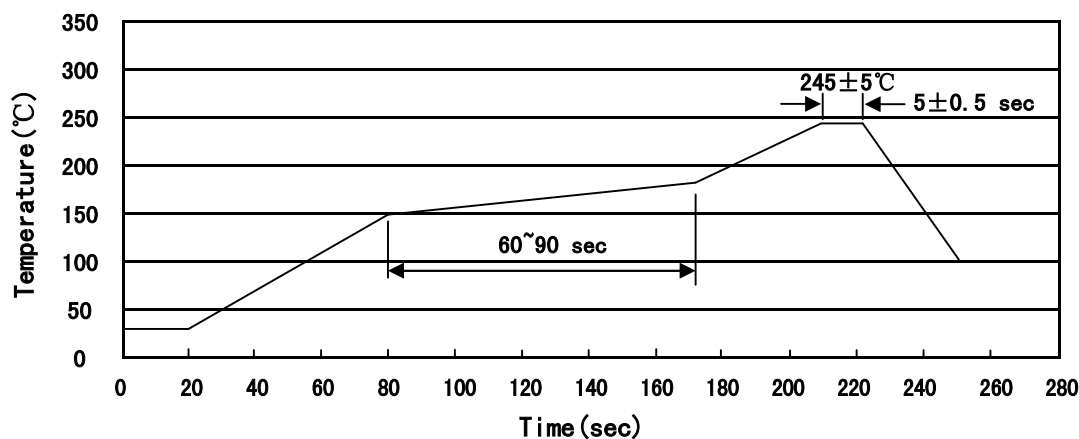
2X

Note:

H: Company Code.

2X: Product Type.

() /



Note:

- | | | | | | |
|---|-------|-----|----|-----------|--|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180°C, Time:60~90sec. |
| 2 | 245±5 | | | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | | | 2 | 10°C/sec. | 3. Cooling Speed: 2~10°C/sec. |

/ Resistance to Soldering Heat Test Conditions

260±5°C

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
SOT-323	3,000	10	30,000	6	180,000	7" ×8	180×120×180	390×385×205

/ Notices