

MMDT4401

Rev.B Oct.-2021



DATA SHEET

A	2021.08.19	ALL	DIODES-MMDT4401		
B	2021-10-16	4			

/ Descriptions

SOT-363 NPN

Double silicon NPN transistor in a SOT-363 Plastic Package.

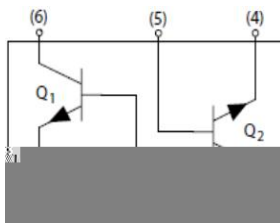
/ Features

Low current, Low voltage. HF Product.

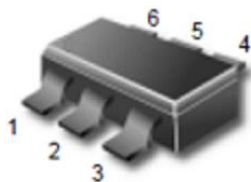
/ Applications

General purpose amplifier and switching.

/ Equivalent Circuit



/ Pinning



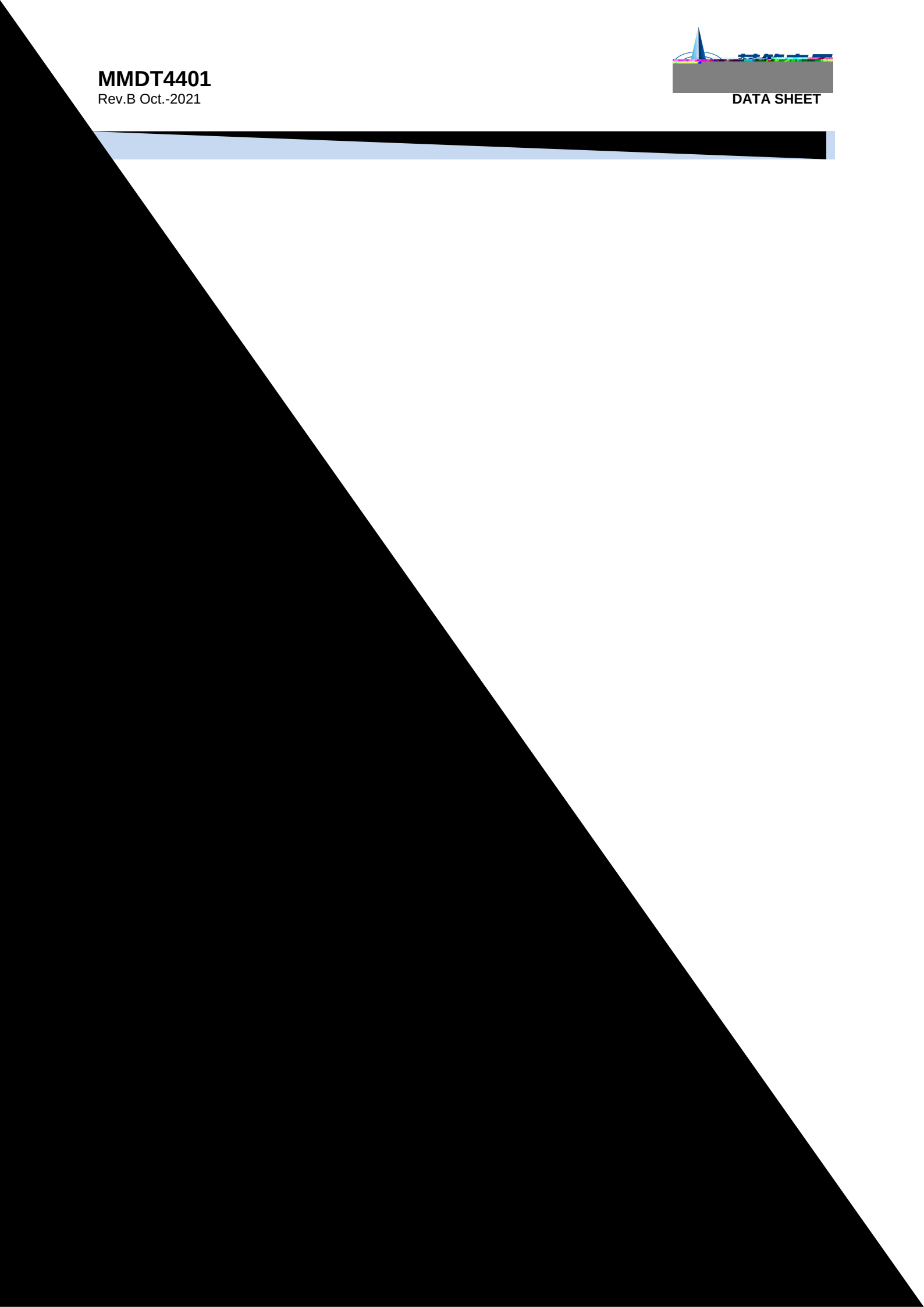
PIN 1 4 Emitter PIN 2 5 Base PIN 3 6 Collector

/ h_{FE} Classifications & Marking

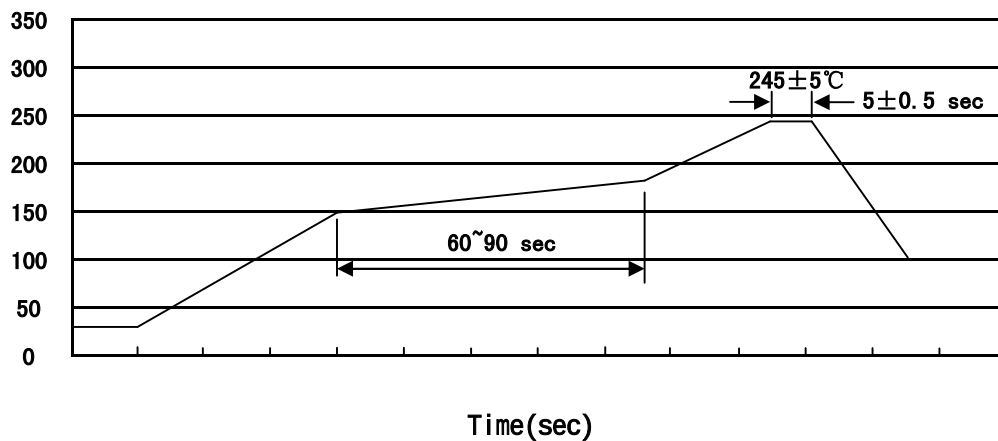
See Marking Instructions.

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() / Temperature Profile for IR Reflow Soldering(Pb-Free)



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

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-363	3,000	10	30,000	6	180,000	7" x8	180×120×180	390×385×205

/ Notices