

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

MMDT4401

Rev.B Oct.-2021



/ Descriptions

SOT-363 NPN

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

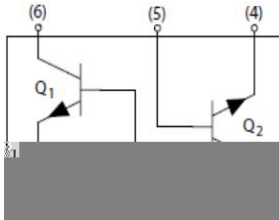
/ Features

Low current, Low voltage. HF Product.

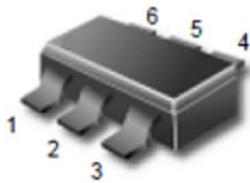
/ Applications

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.

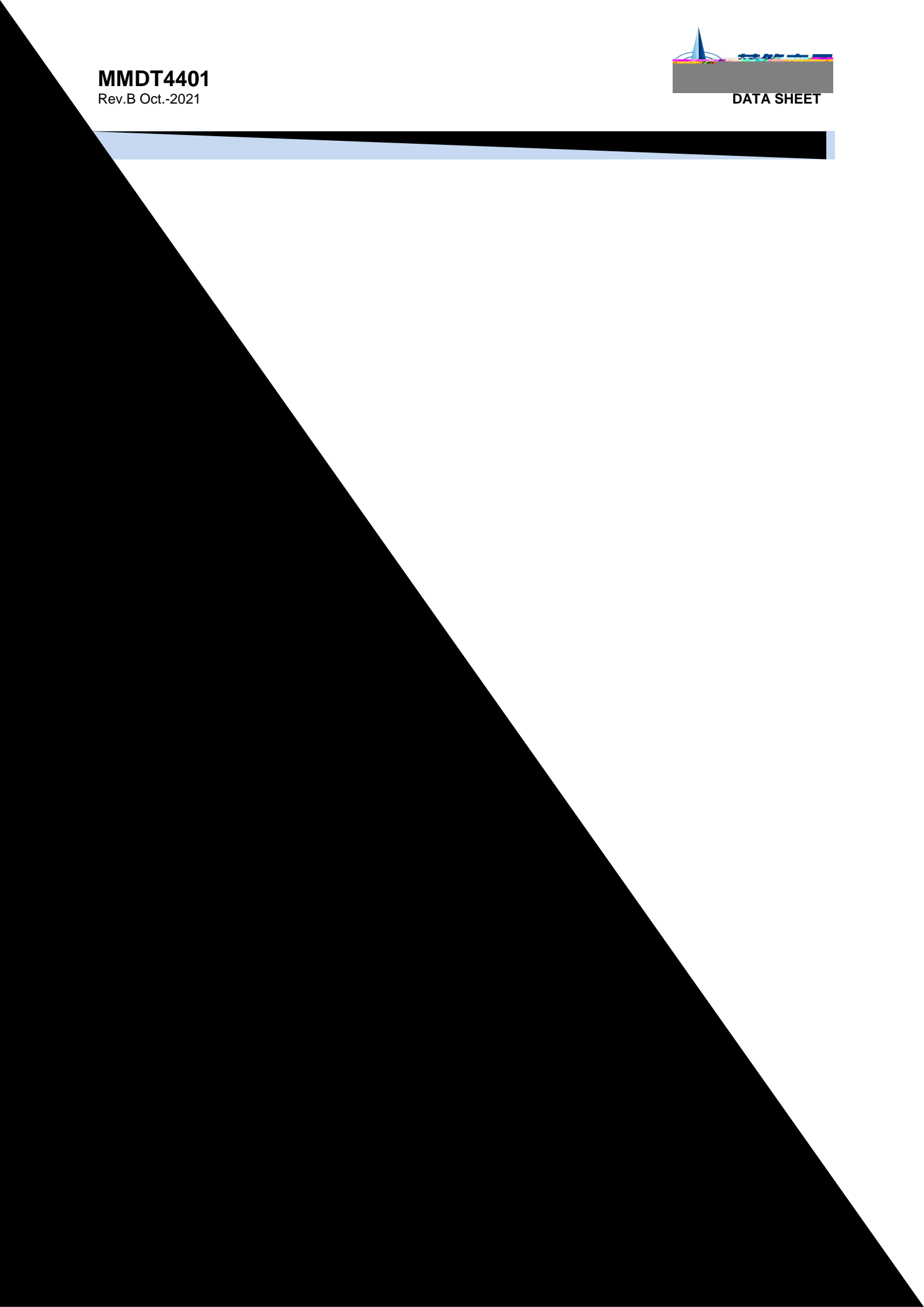
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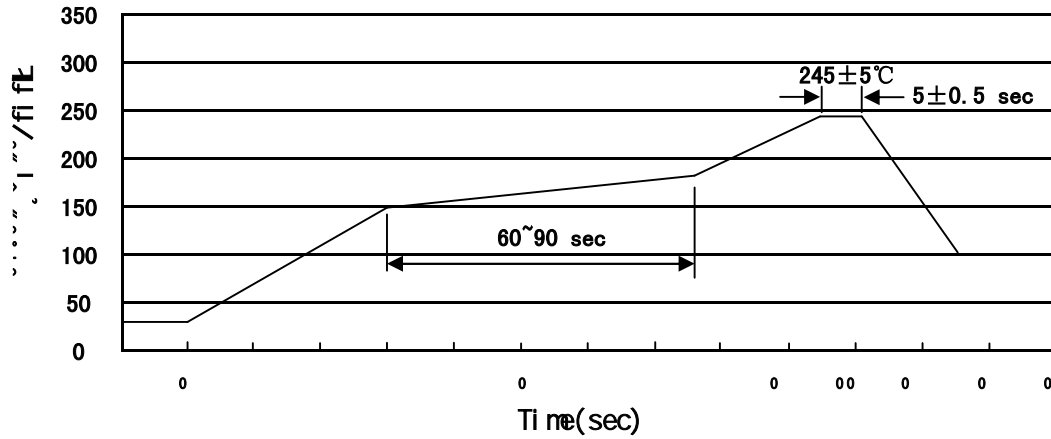
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DATA SHEET



() / 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 fl	Outer Box L
SOT-363	3,000	10	30,000	6	180,000	7" x8	180x120x180	390x385x205

/ Notices