



A	2016-3				
B	2019-4-12		RθJA=625 SOT363-6L SOT-363		
C	2019-4-20				
D	2020-11-10				
E	2020-10-16				



MMDT3946



/ Descriptions

SOT-363 PNP+NPN



/ Features

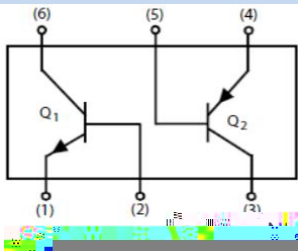
h_{FE} $V_{CE(sat)}$



/ Applications



/ Equivalent Circuit



/ Pinning



/ h_{FE} Classifications & Marking





/ Absolute Maximum Ratings(Ta=25) (NPN)

			℃
			℃
		~	℃



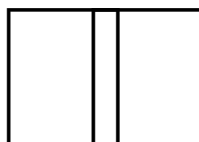
/ Absolute Maximum Ratings(Ta=25) (PNP)

			℃
			℃
		~	℃



/ Electrical Characteristics(Ta=25) (NPN)

The diagram shows a building floor plan on a 10x10 grid. The building is represented by black outlines. It consists of a large rectangular area on the right side, with several internal rooms and corridors. A small square is located outside the main building structure, near the top right corner. The grid is composed of 10 columns and 10 rows.

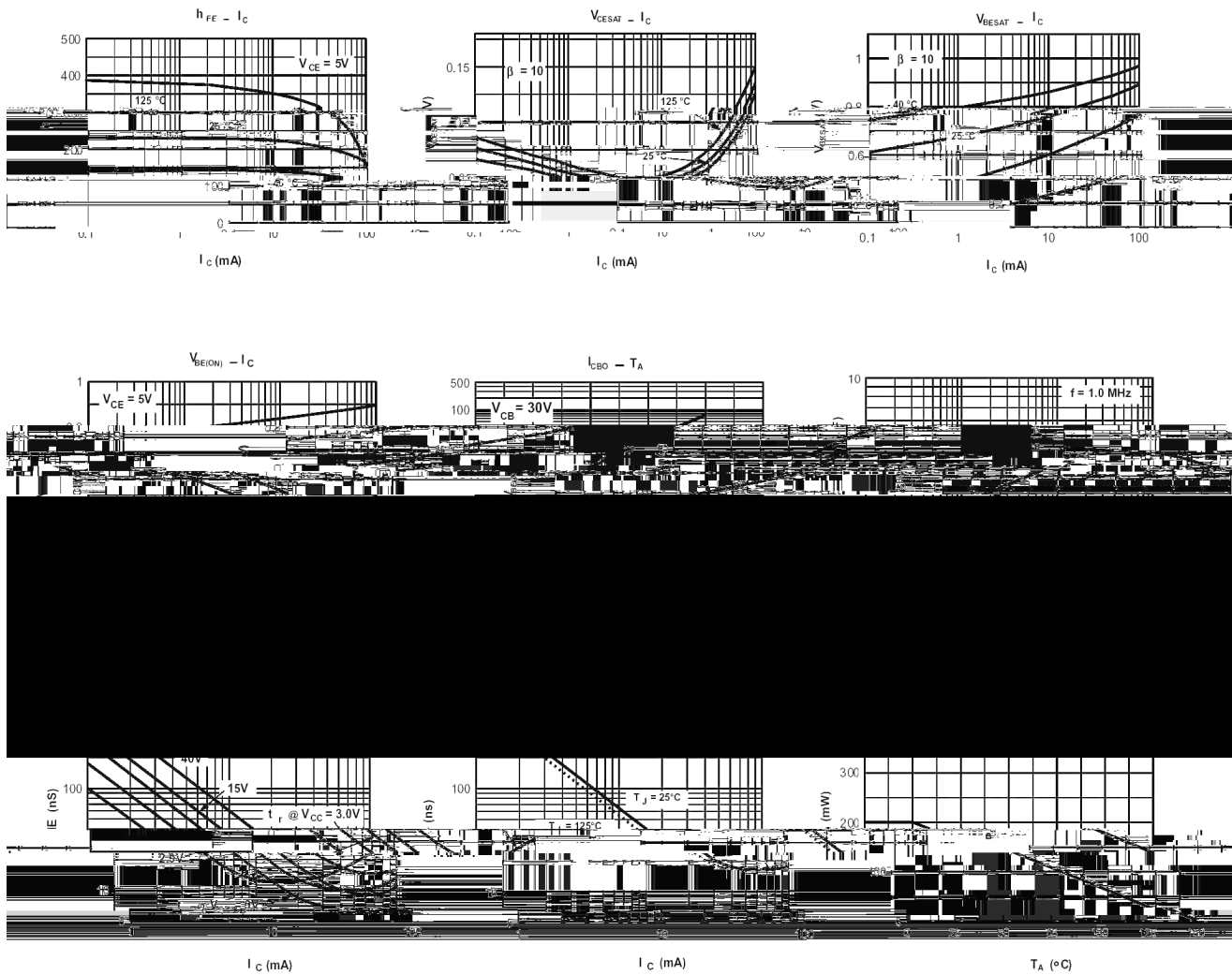


/ Electrical Characteristics(Ta=25) (PNP)

A 15x15 grid with various rectangles and squares overlaid on it. The shapes are black outlines of different sizes and orientations, some overlapping each other. The grid lines are thin and light gray. The shapes are distributed across the grid, with some appearing in the top right, middle right, and bottom right areas. The shapes include squares of various sizes and rectangles of various sizes and orientations. Some shapes are nested within others, and some overlap. The overall pattern is abstract and geometric.

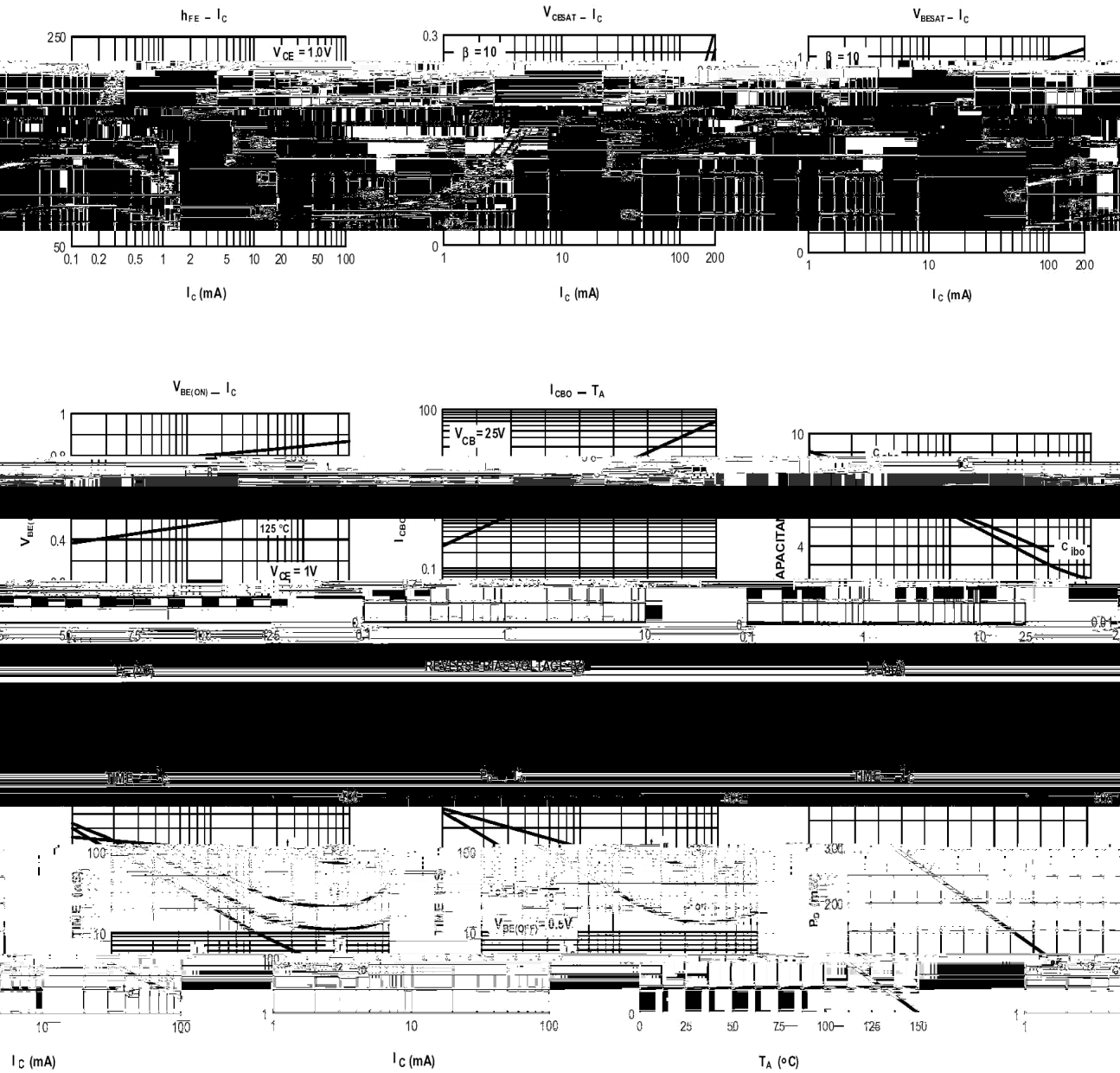


/ Electrical Characteristic Curve (NPN)



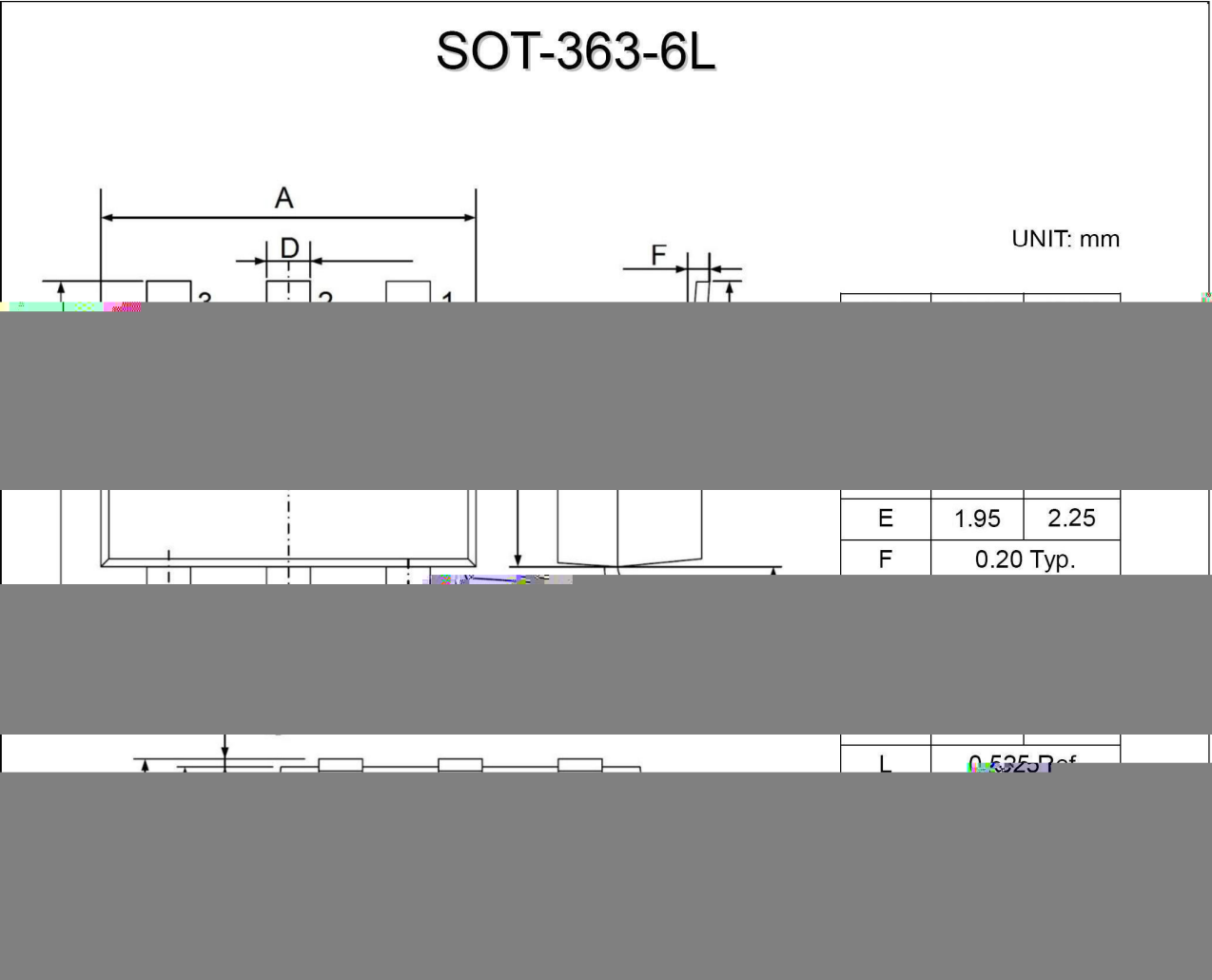


/ Electrical Characteristic Curve (PNP)



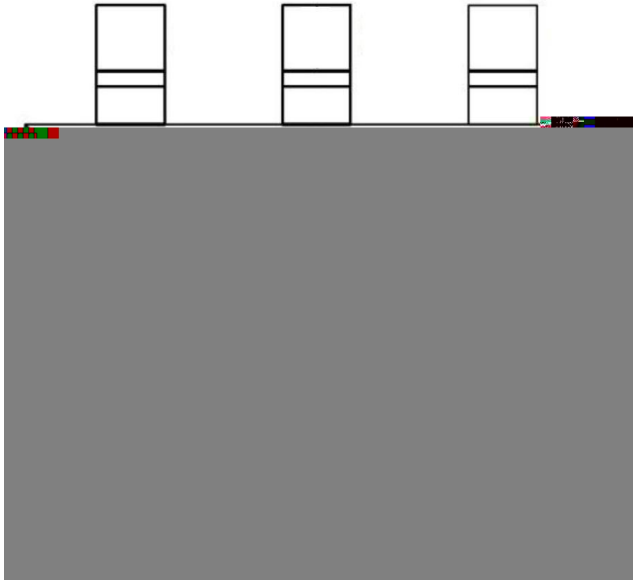


/ Package Dimensions





/ Marking Instructions



● “ 1 ”

46

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● “1” Pin

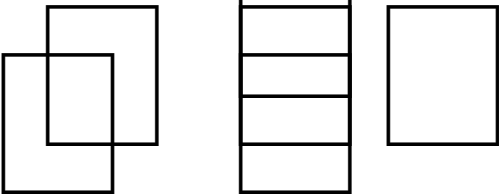
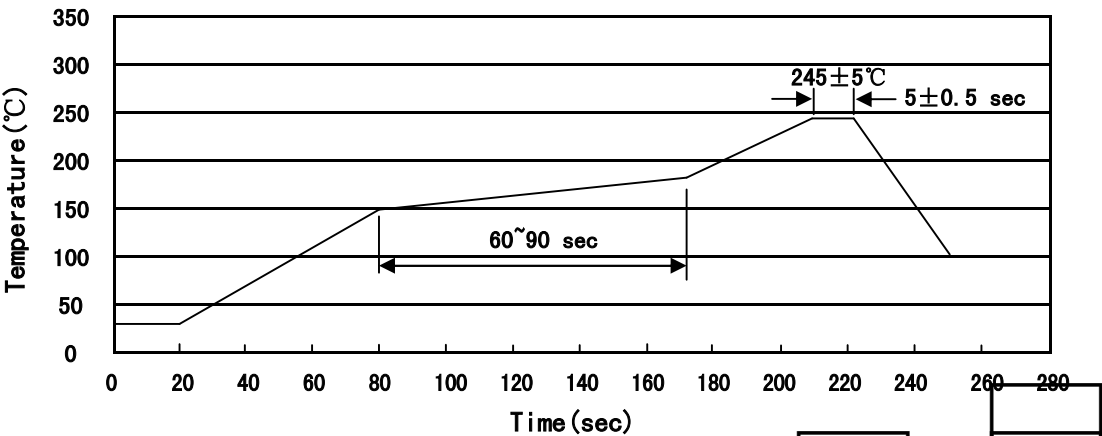
46

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



/ Resistance to Soldering Heat Test Conditions



/ Packaging SPEC.

封装形式	包装数量					包装尺寸		
	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-363	3,000	10	30,000	6	180,000	7" ×8	180×120×180	390×385×205

/ Notices

