

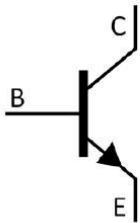
SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

FMMT591

low equivalent On-resistance, Complementary pair with FMMT591, HF Product.

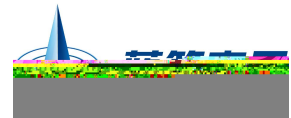
Medium power amplifier applications.

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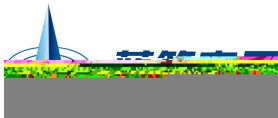
PIN1 Base PIN 2 Emitter PIN 3 Collector

h_{FE} Range	100~300
Marking	H491

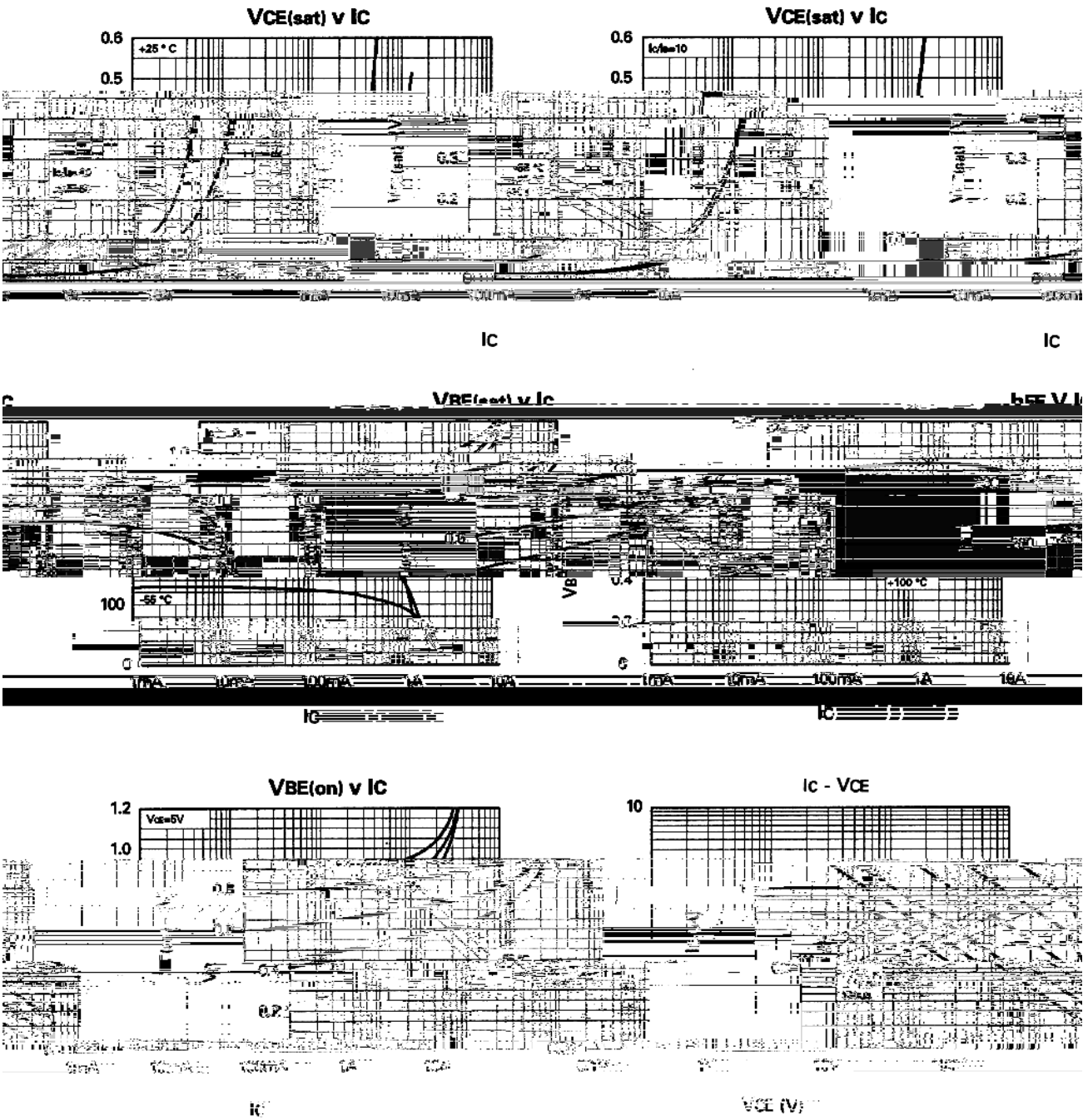


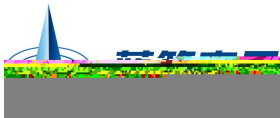
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	80	V
Collector to Emitter Voltage	V_{CEO}	60	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	1.0	A
Peak Pluse Current	I_{CM}	2.0	A
Collector Power Dissipation	P_C	500	mW
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55~150	°C

Parameter Symbol Test Conditions



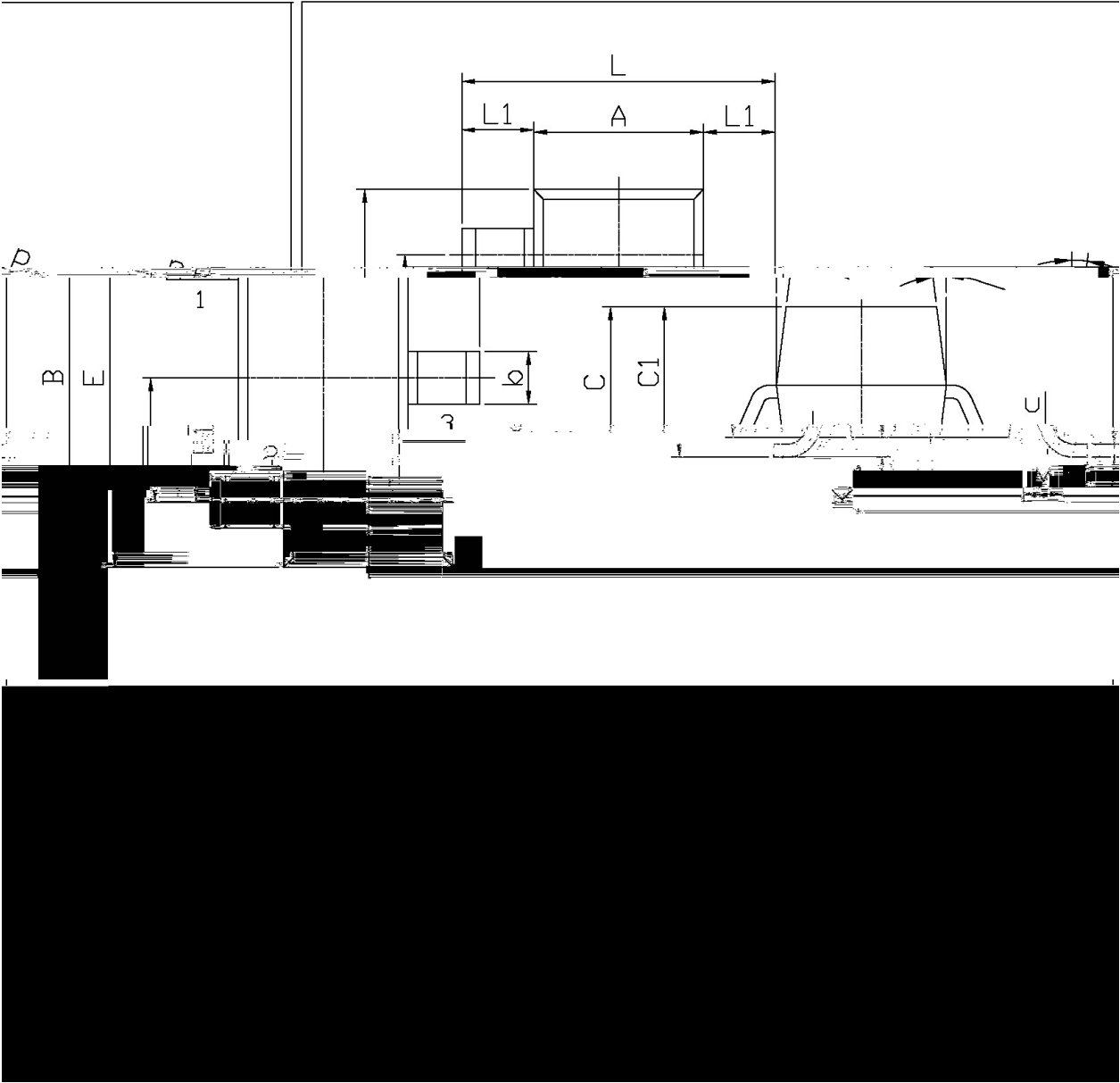
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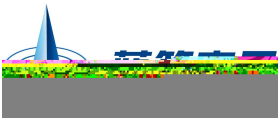




FSBREC-23

单位: mm





				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.

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

/ 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-23	3,000	10	30,000	6	180,000	7" x8	180×120×180	390×385×205