

/ Descriptions

JF K\$) * E GE Silicon NPN transistor in a SOT-23 Plastic Package.

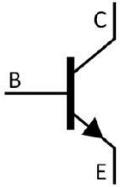
/ Features

Large current capacity ,low $V_{CE\ sat}$,wide ASO.

/ Applications

Audio frequency amplifier, medium-speed switching, small-sized motor drivers.

/ Equivalent Circuit

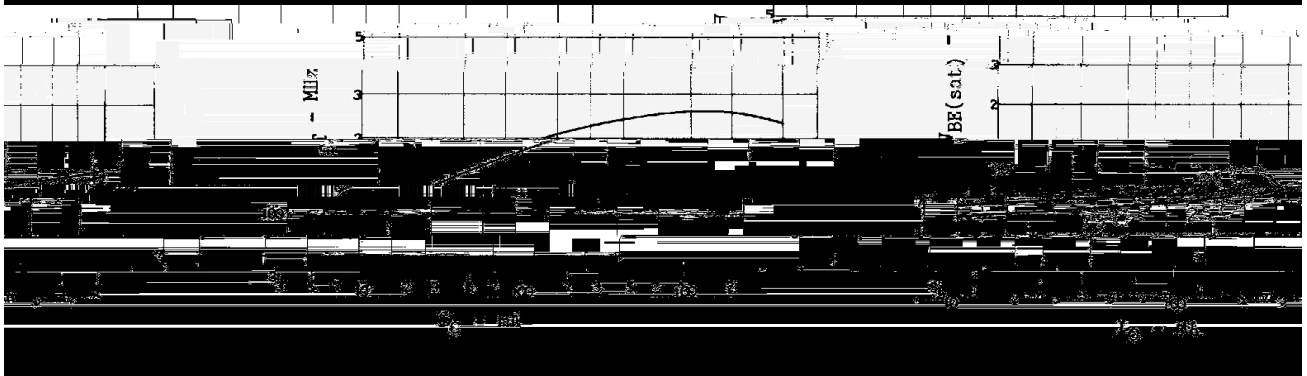
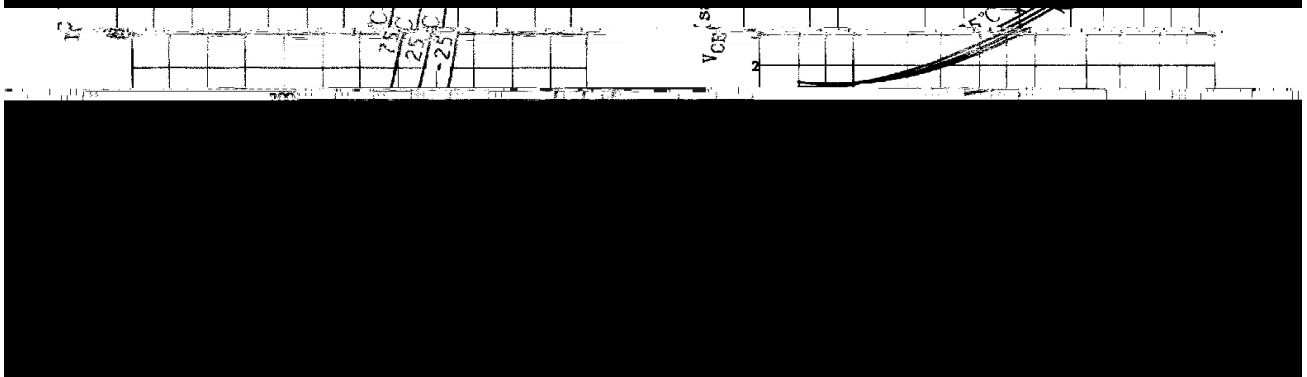
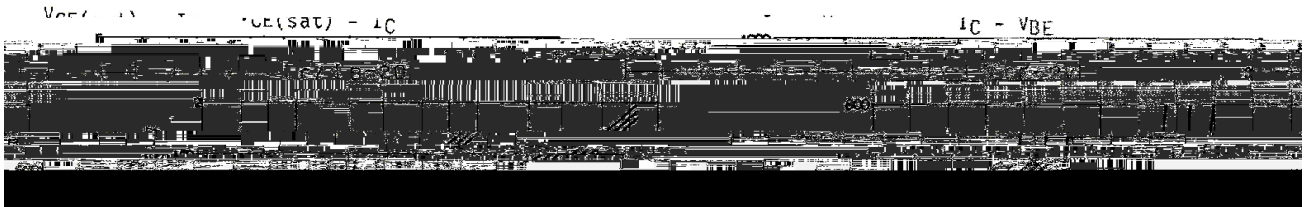
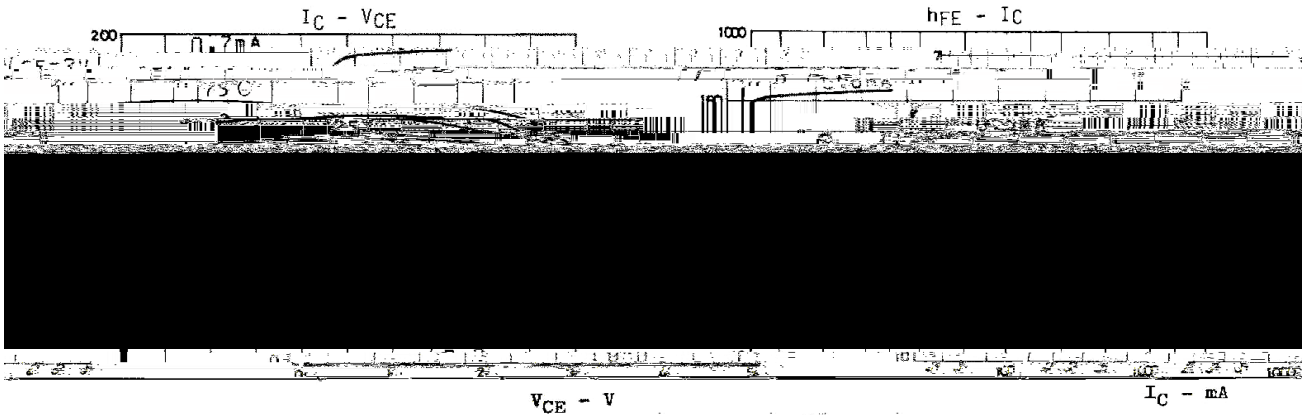


PIN1 Base PIN 2 Emitter PIN 3 Collector

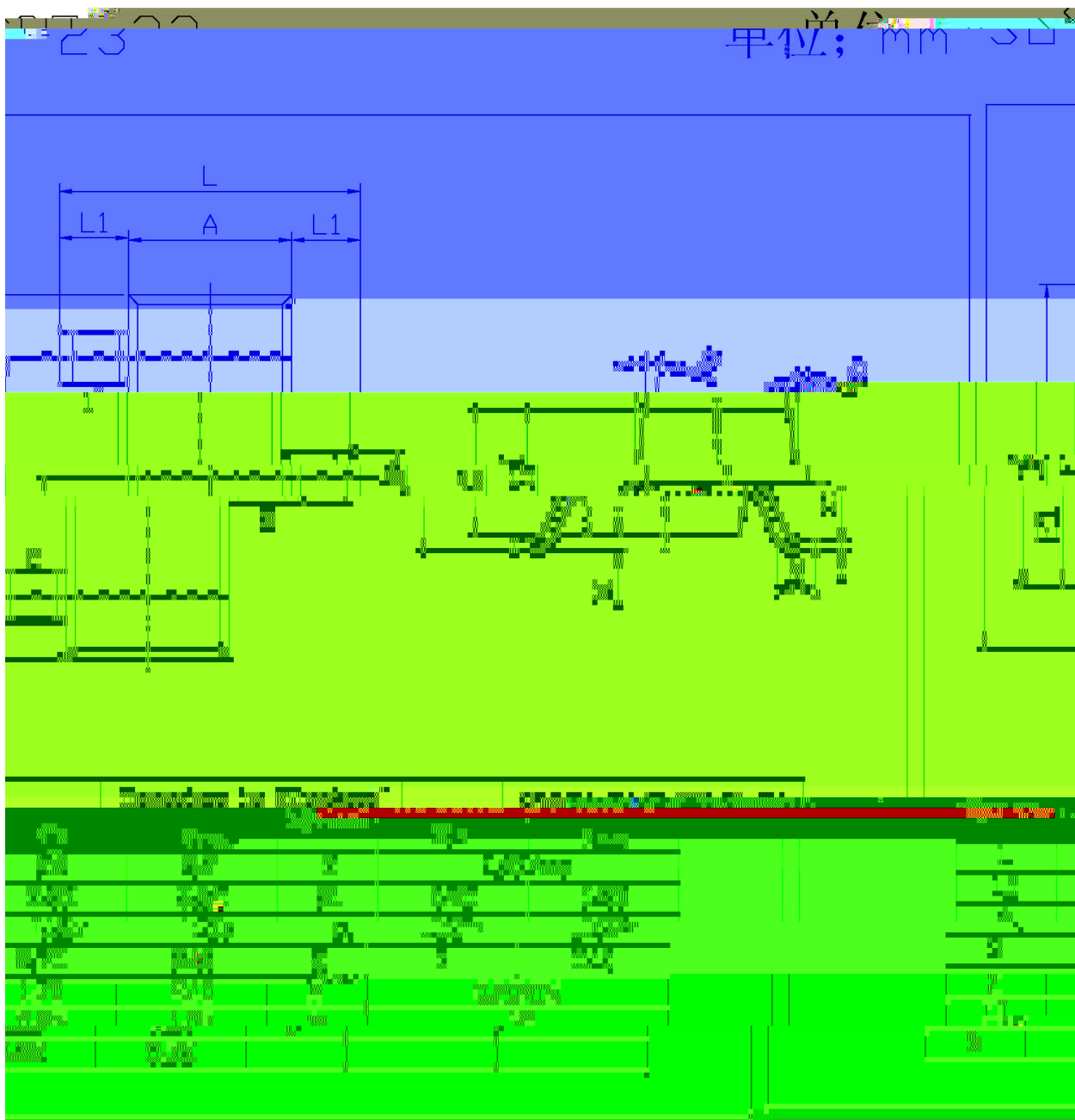
/ h_{FE} Classifications & Marking

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	15	V
Collector to Emitter Voltage	V_{CEO}	15	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current	I_C	0.8	A
Collector Current(Pulse)	I_{CP}	3.0	A
Collector Power Dissipation	P_C	250	mW

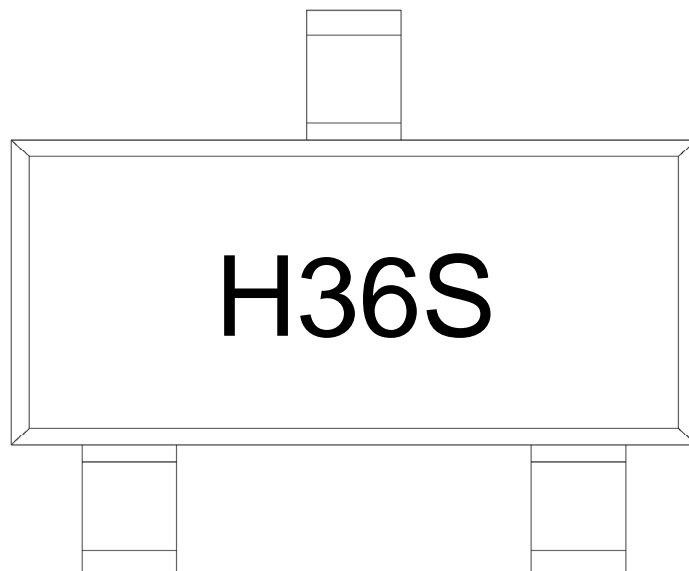
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



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J1

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Note:

H: Company Code

36: Product Type Code

S: h_{FE} Classifications Symbol Code

2SD1936M
Rev.F Apr.-2017