

**/ Descriptions**

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

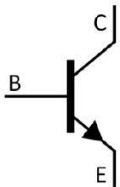
**/ Features**

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

**/ Applications**

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

**/ Equivalent Circuit**

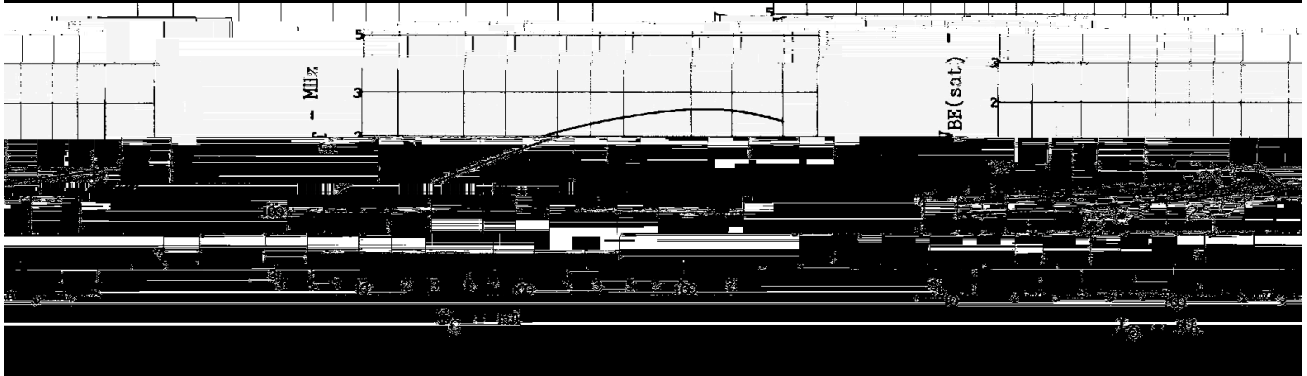
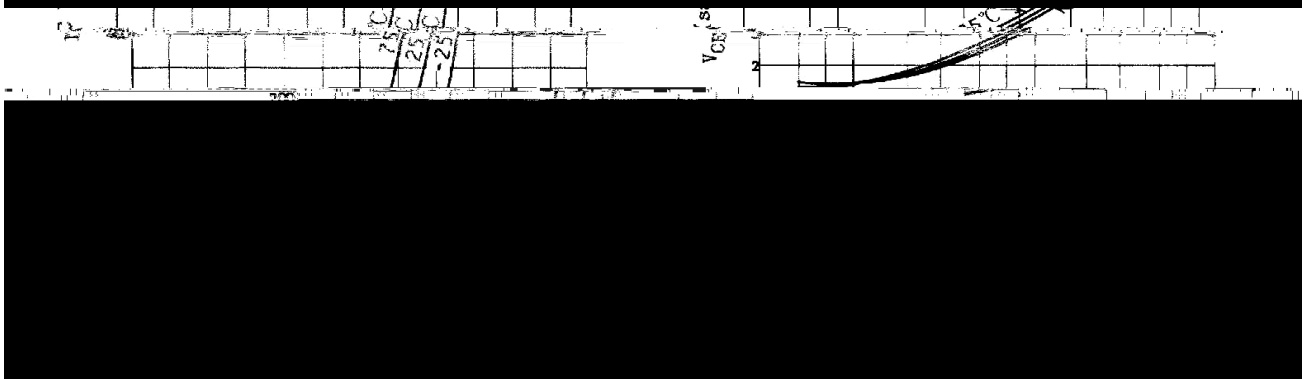
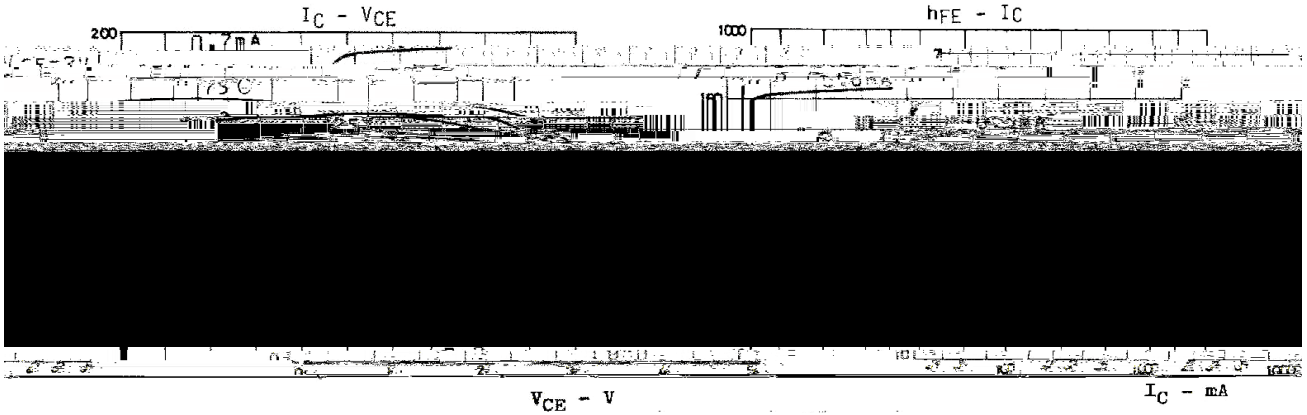


PIN1 Base                      PIN 2 Emitter                      PIN 3 Collector

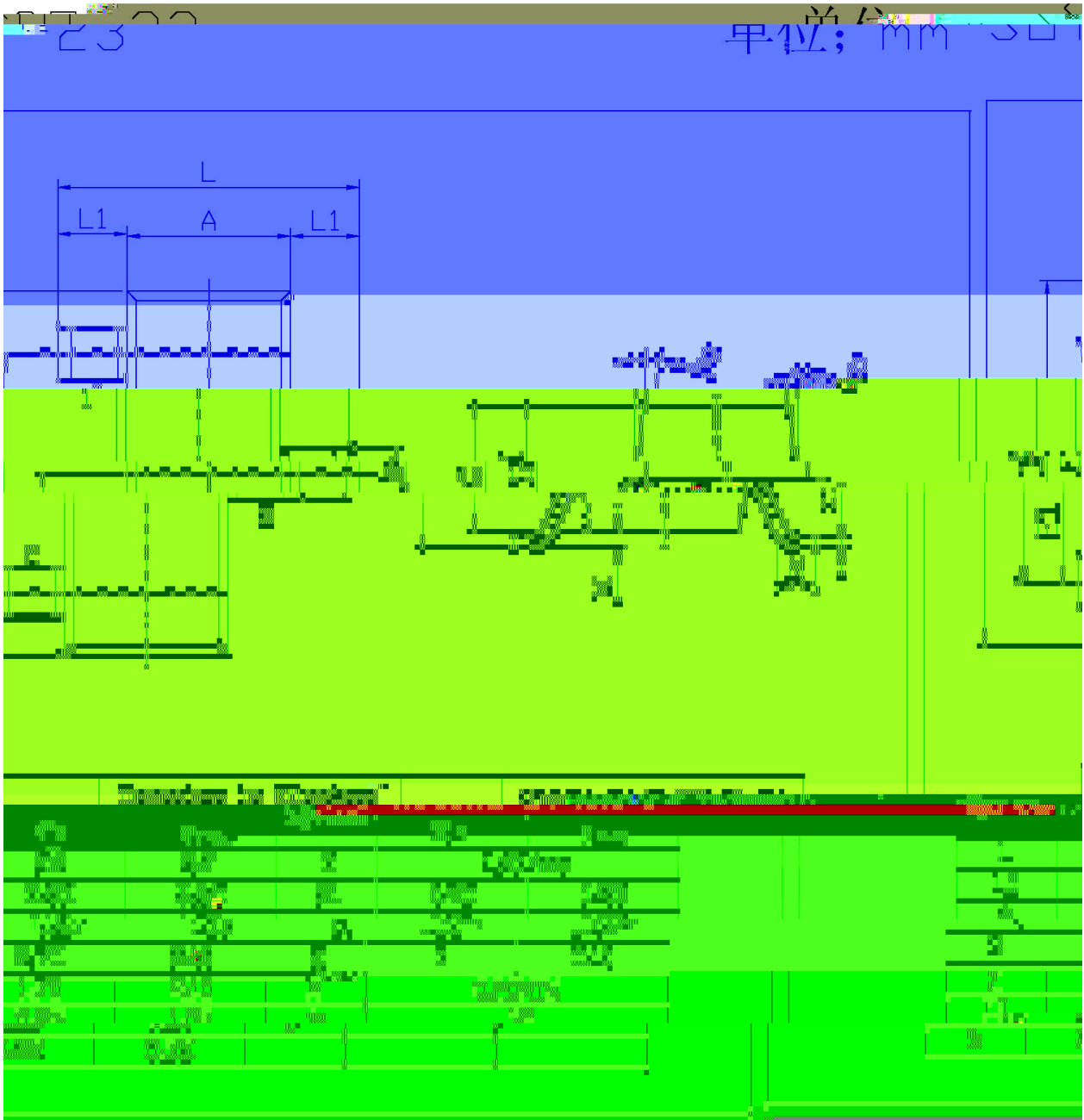
**/  $h_{FE}$  Classifications & Marking**

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

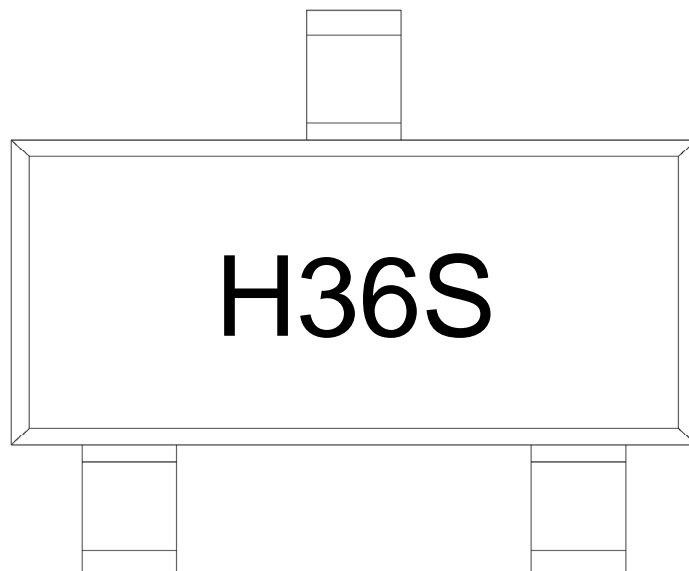
/ Electrical Characteristic Curve



/ 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