

VRW056 M M E QSQ æ M y s ll 1 Silicon NPN transistor in a SOT-23 Plastic Package.

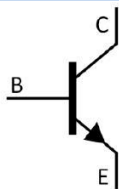
/ Features

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

/ Applications

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

/ Equivalent Circuit

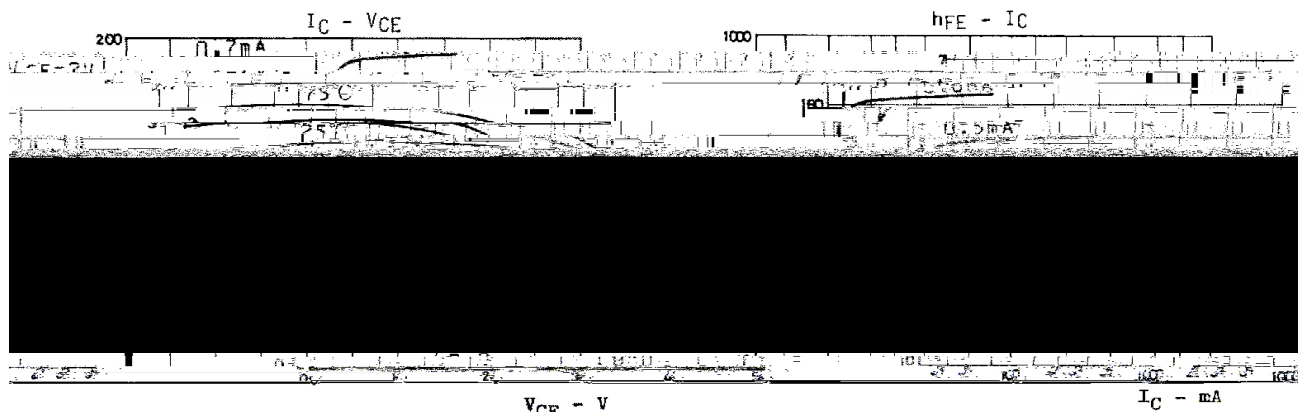
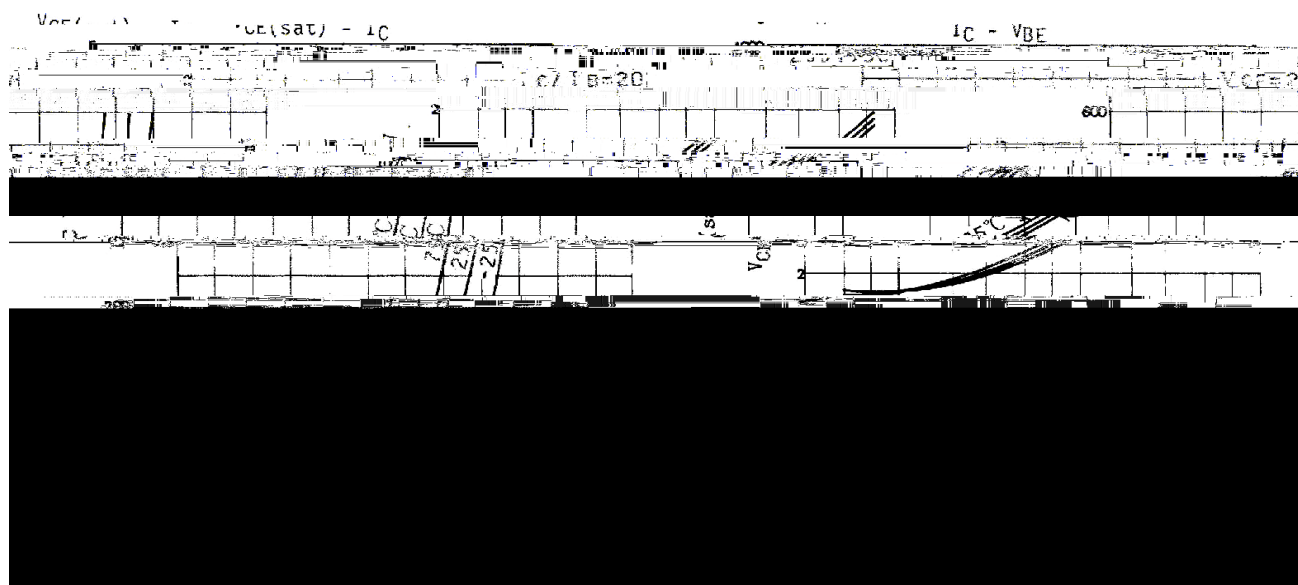
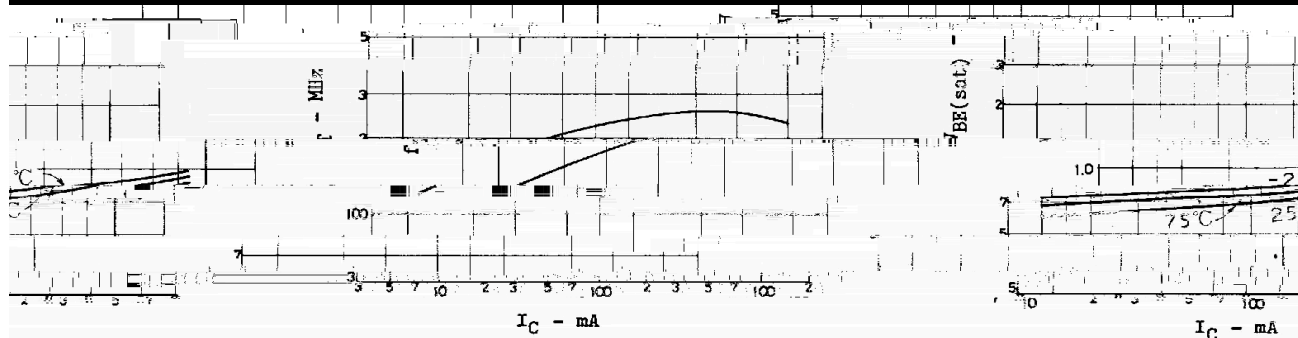


PIN1 χ Base PIN 2 χ Emitter PIN 3 χ Collector

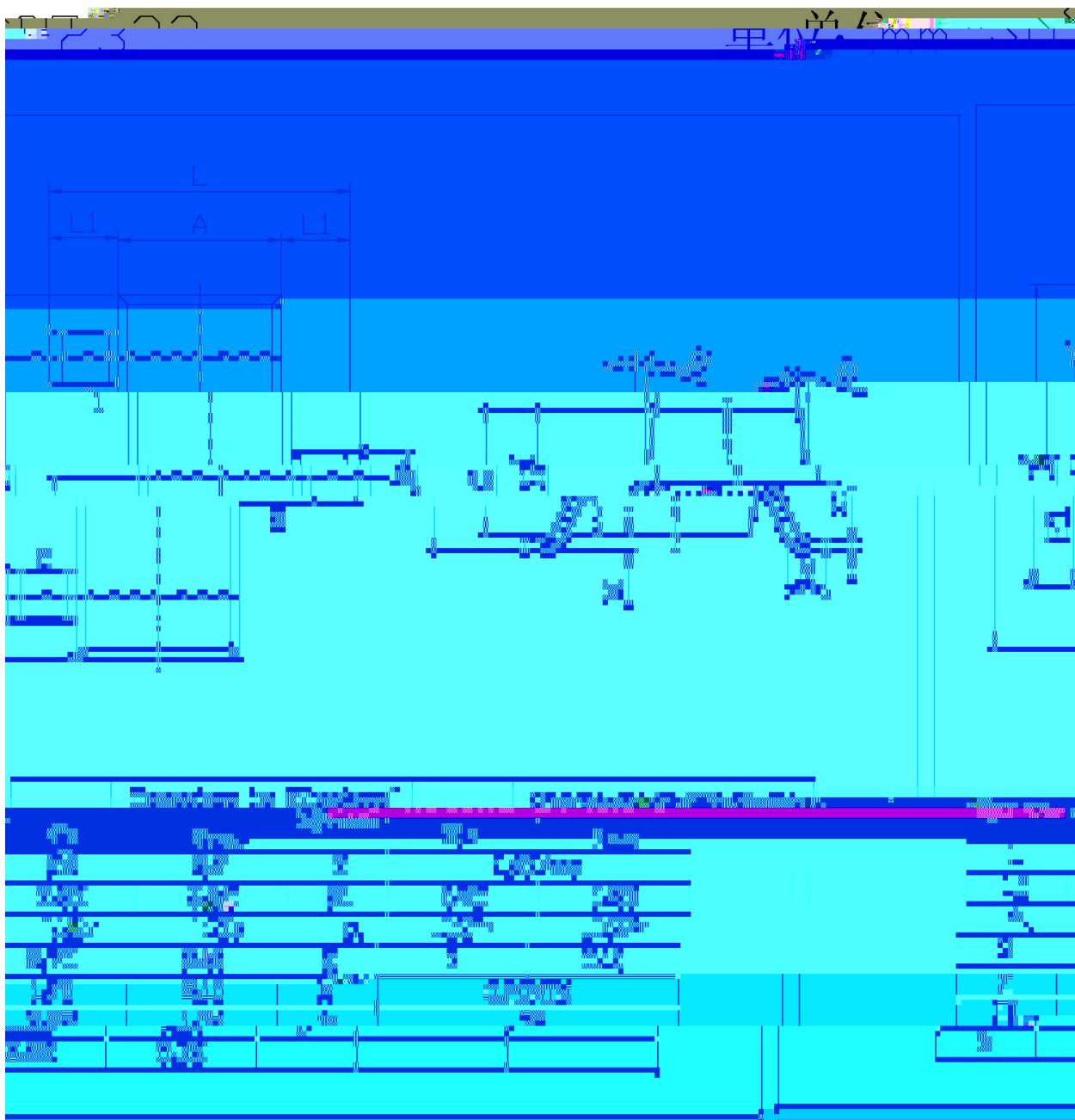
/ h_{FE} Classifications & Marking

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

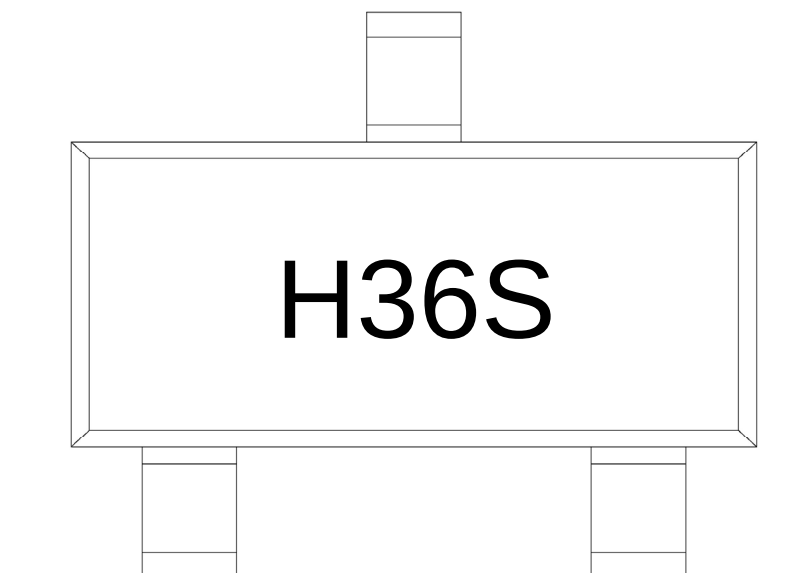
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



б " х

K х № з " Гб

69 х № з " Гб

V: № k_{IH} ° КГб

Note:

H: Company Code

36: Product Type Code

S: h_{FE} Classifications Symbol Code

2SD1936M
Rev.F Apr.-2017