

/ Descriptions

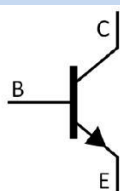
SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

/ Features

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

4 Tm0 Tc6

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

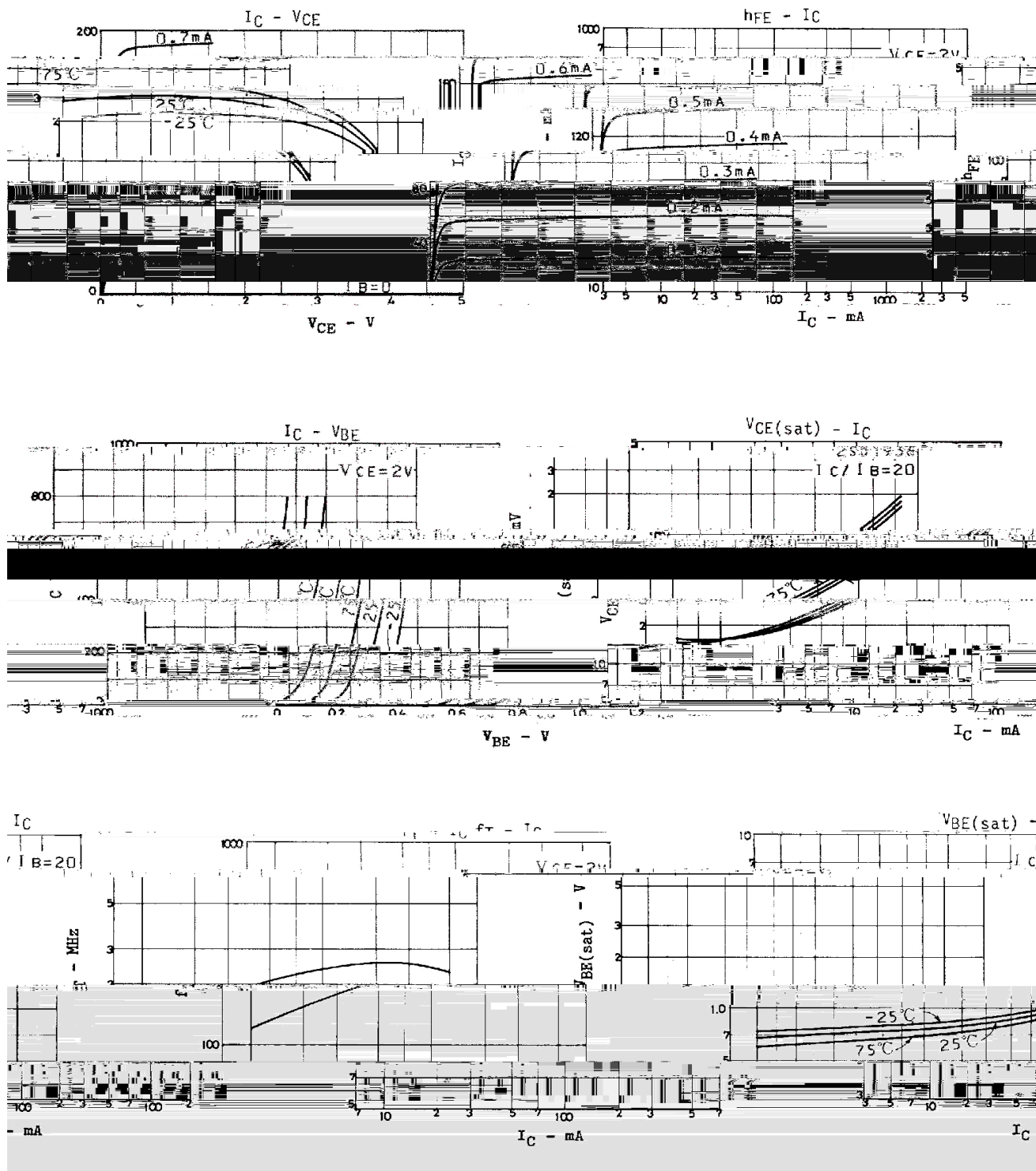


PIN1 Base PIN 2 Emitter PIN 3 Collector

/ 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
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

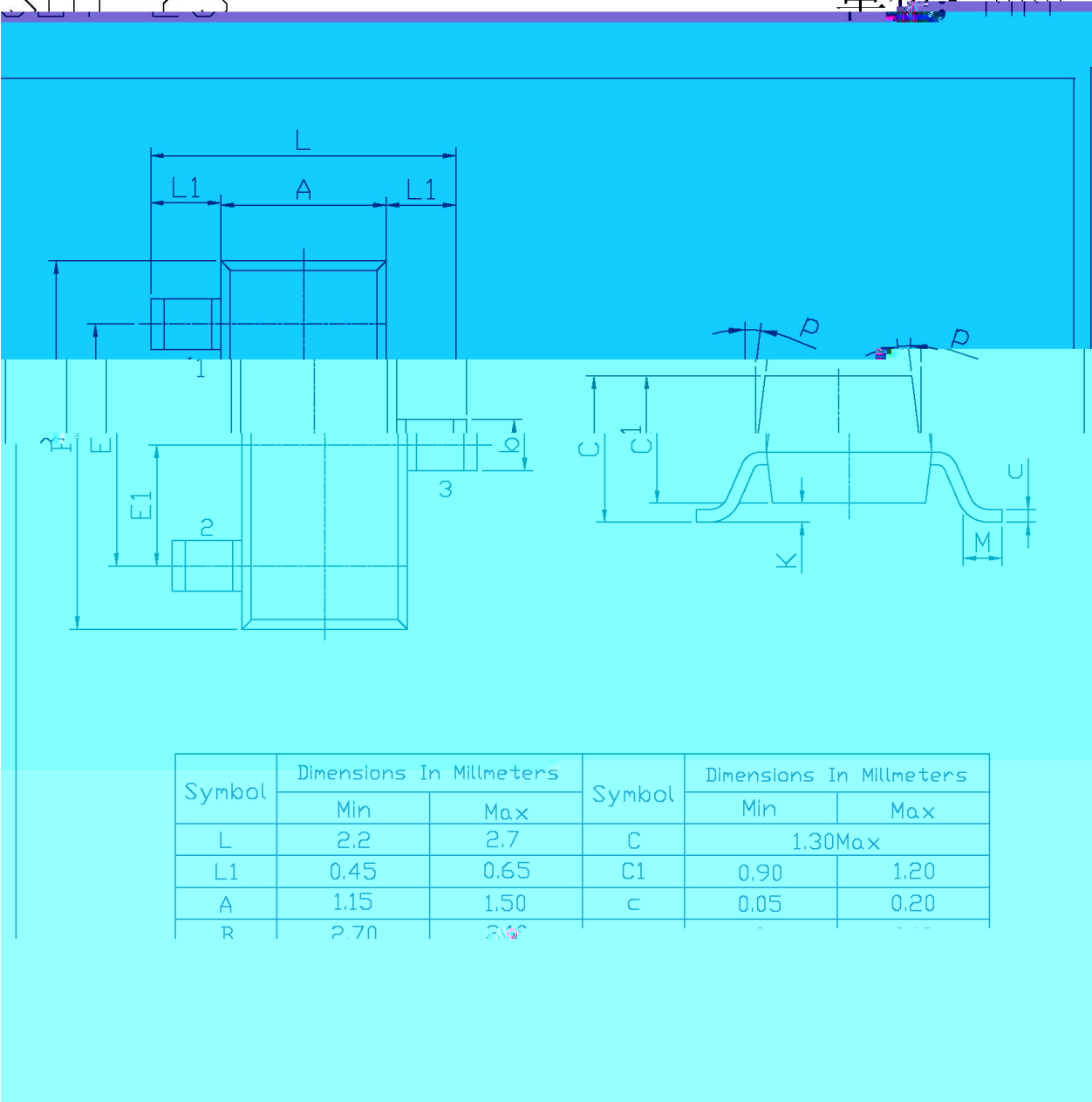
/ Electrical Characteristic Curve



/ Package Dimensions

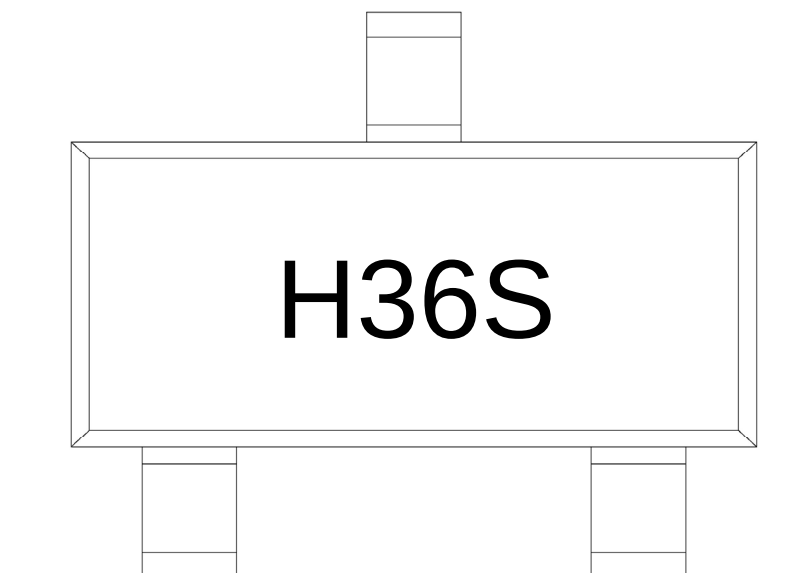
SOT-23

单位: mm



Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
L	2.2	2.7	C	1.30Max	
L1	0.45	0.65	C1	0.90	1.20
A	1.15	1.50	c	0.05	0.20
R	2.70	2.90			

/ Marking Instructions



H

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S: h_{FE}

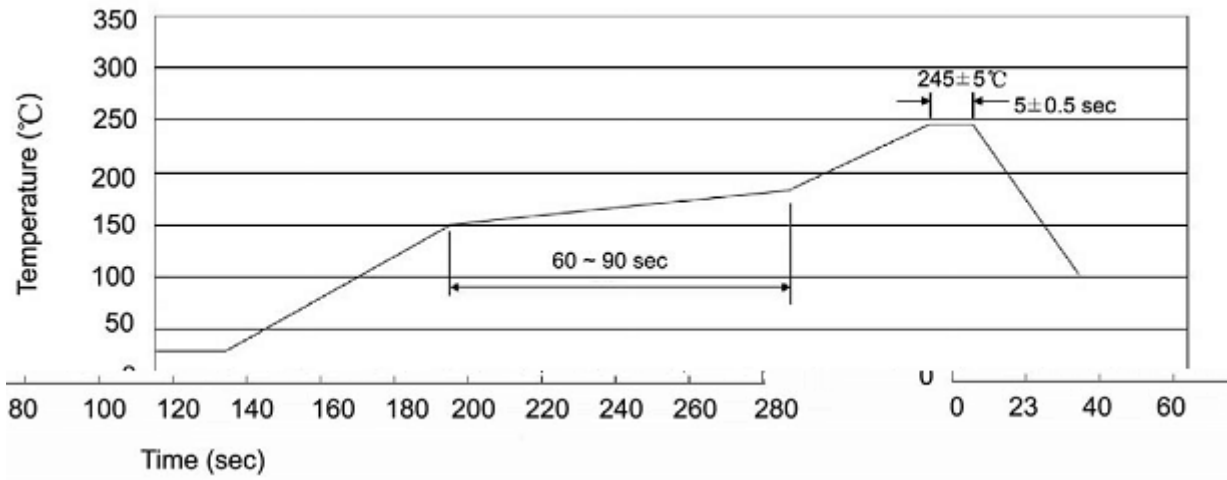
Note:

H: Company Code

36: Product Type Code

S: h_{FE} Classifications Symbol Code

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



Note:

1 25 150 60 90sec;

1.Preheating:25~150