2SC2812

Rev.F Apr.-2017

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

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

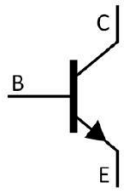
/ Features

Low f_T.

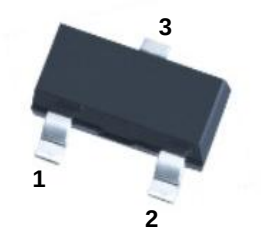
/ Applications

Low frequency general-purpose amplifier applications.

/ Equivalent Circuit



/ Pinning



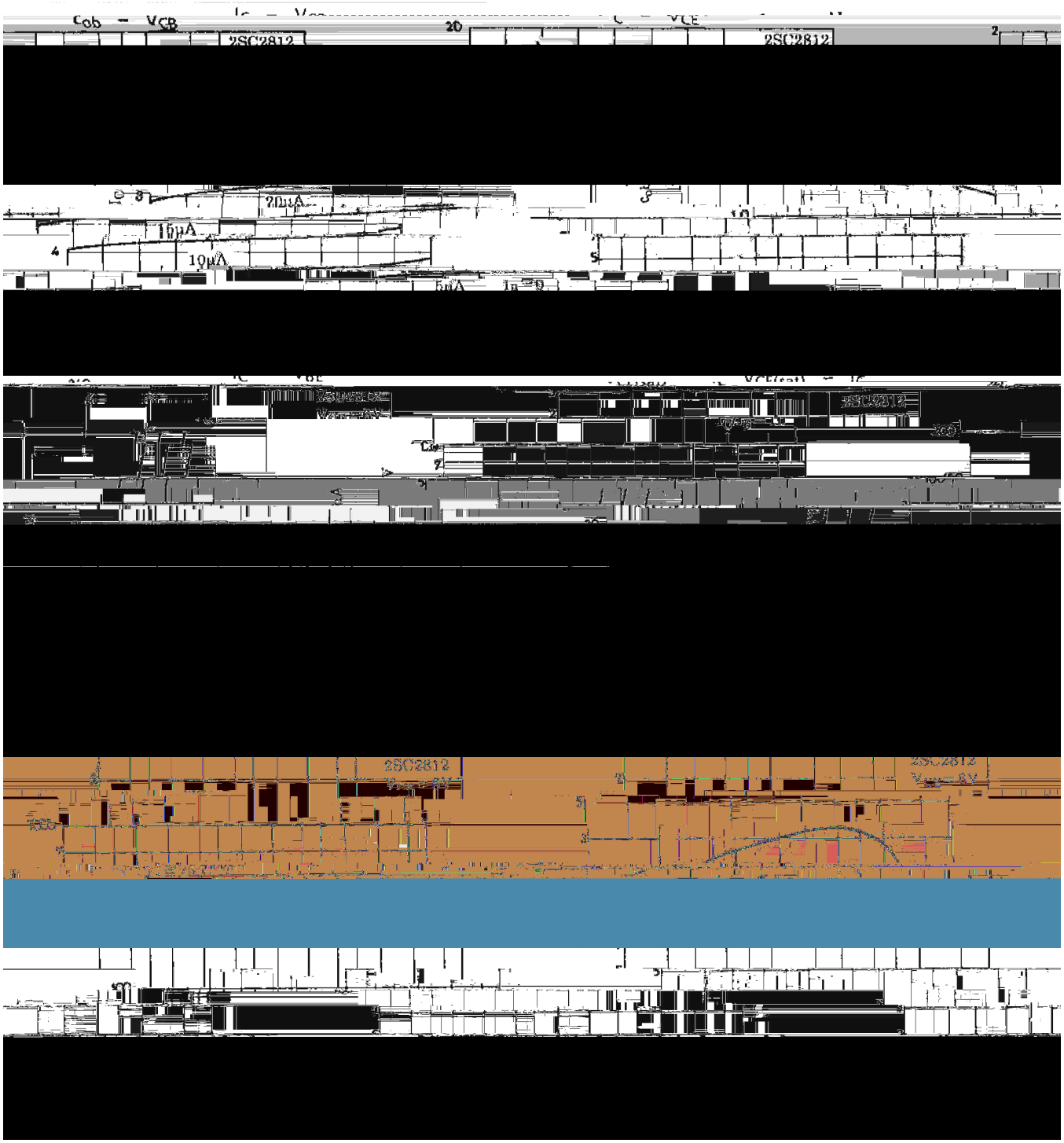
PIN1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	4	5	6	7
h_{FE} Range	90 180	135 270	200 400	300 600
Marking	L4H	L5H	L6H	L7H

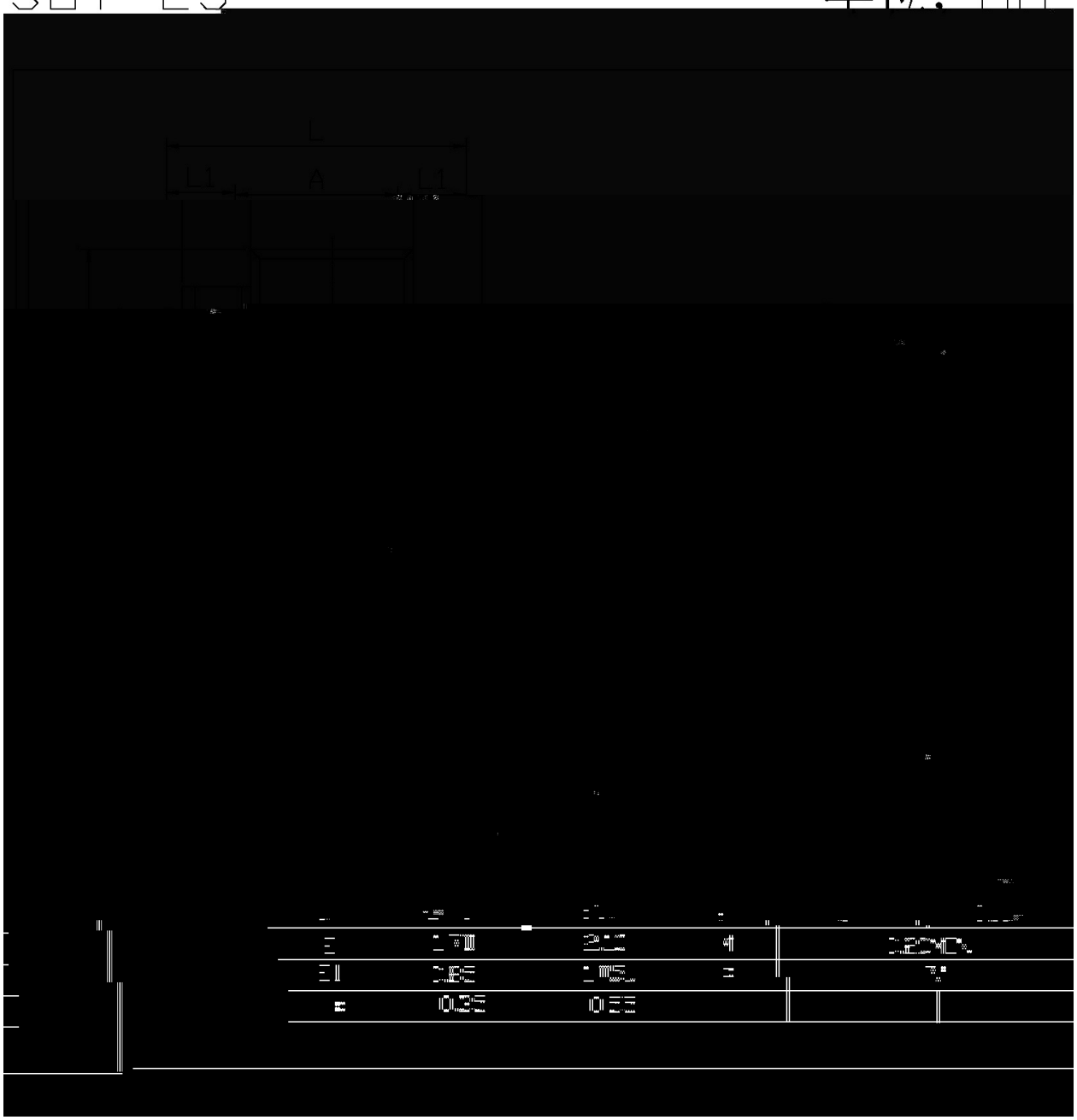
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	55	V
Collector to Emitter Voltage	V_{CEO}	50	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current	I_C	150	mA
Collector Current (Pulse)	I_{CP}	300	mA
Collector Power Dissipation	P_C	200	mW

/ Electrical Characteristic Curve

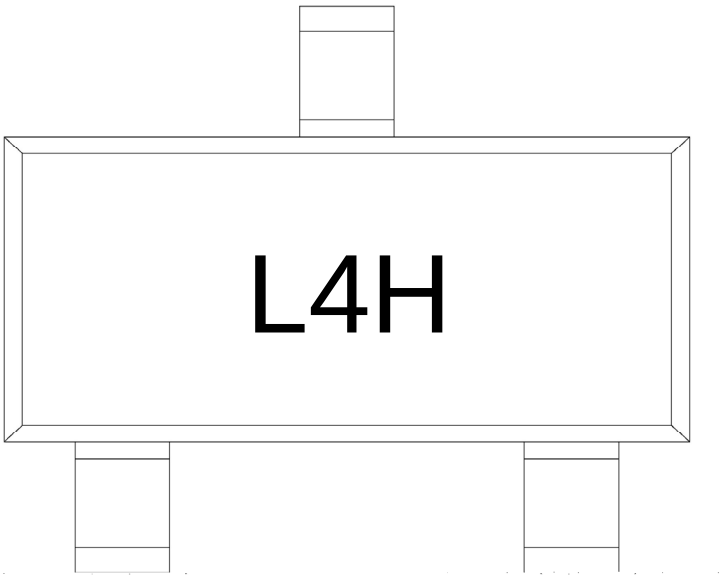


/ Package Dimensions

SOT-23 单位：mm



/ Marking Instructions



L

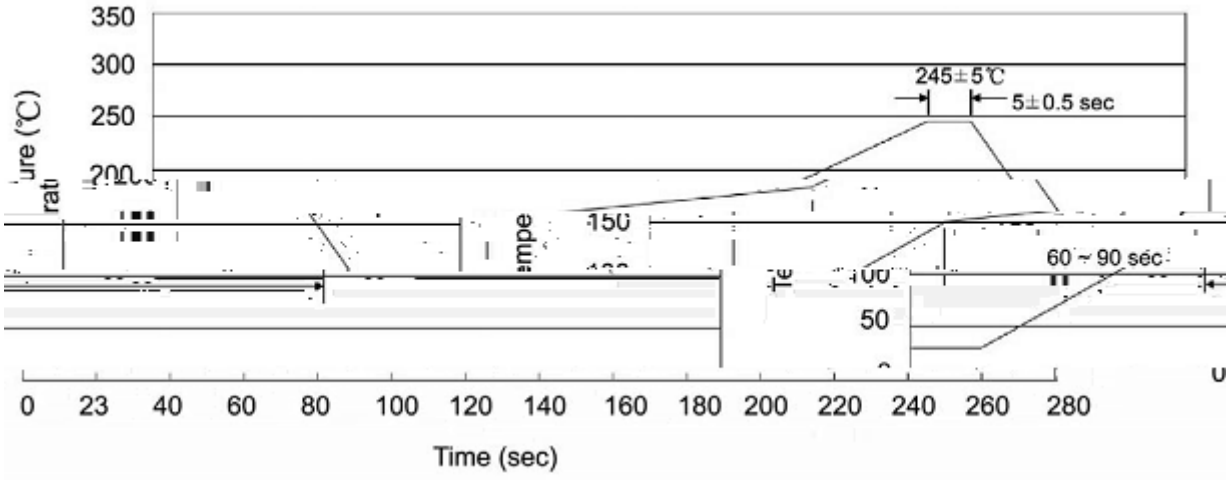
4 h_{FE}

H

Note:

L	Product Type Code
4	h_{FE} Classifications Symbol Code
H	Company Code

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



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