/ Descriptions

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

/ Features

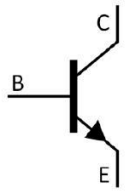
V_{CEO}

High Collector-Emitter Voltage.

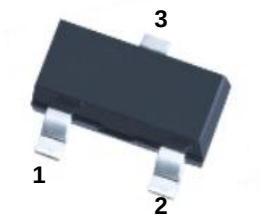
/ Applications

High voltage application.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

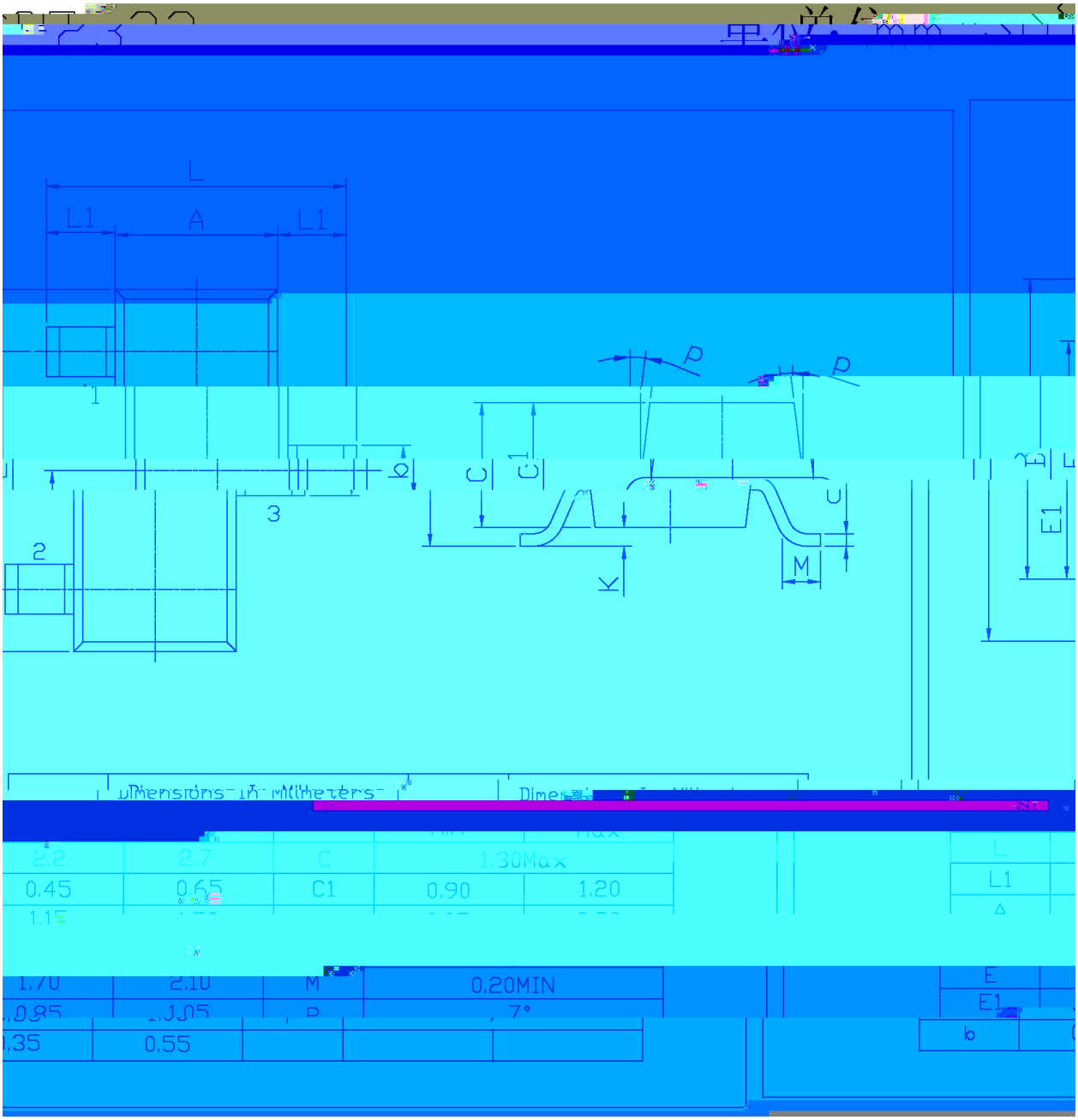
h_{FE} Range	30~200
Marking	3DH

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	350	V
Collector to Emitter Voltage	V_{CEO}	350	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current	I_C	500	mA
Collector Power Dissipation	P_C	300	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55˙ 150	

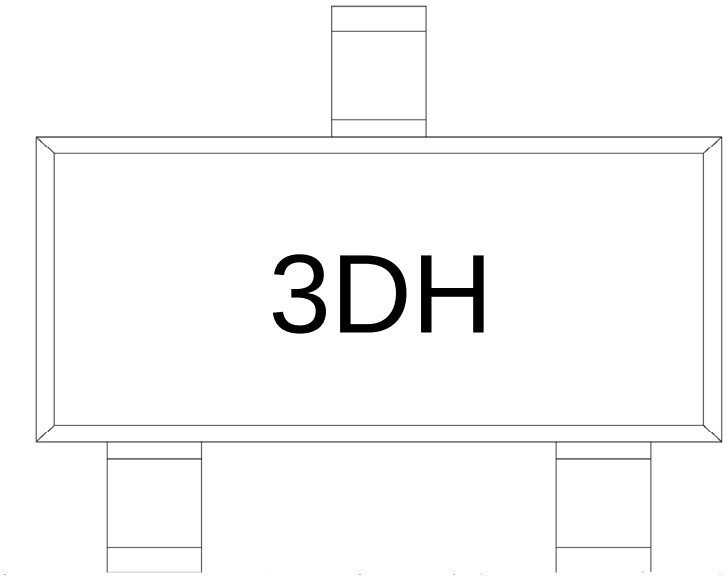
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown V						

2N6517M

/ Package Dimensions



/ Marking Instructions



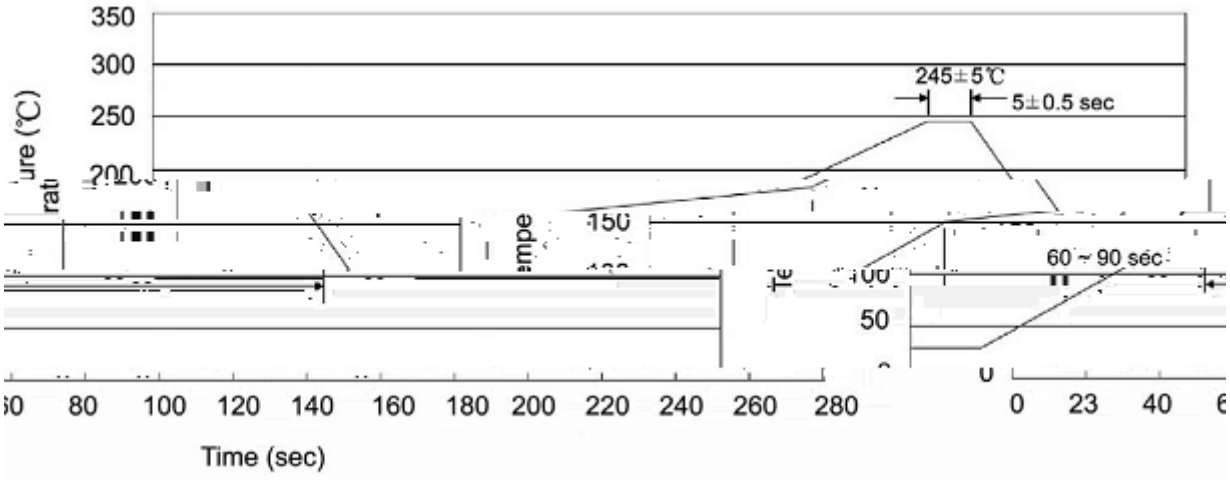
3D

H

Note:

3D	Product Type Code
H	Company Code

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



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