

/ Descriptions

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

/ Features

Low $V_{CE(sat)}$, high current.

/ Applications

General purpose switching and muting, LCD back-lighting, supply line switching circuits.

/ Equivalent Circuit



/ Pinning



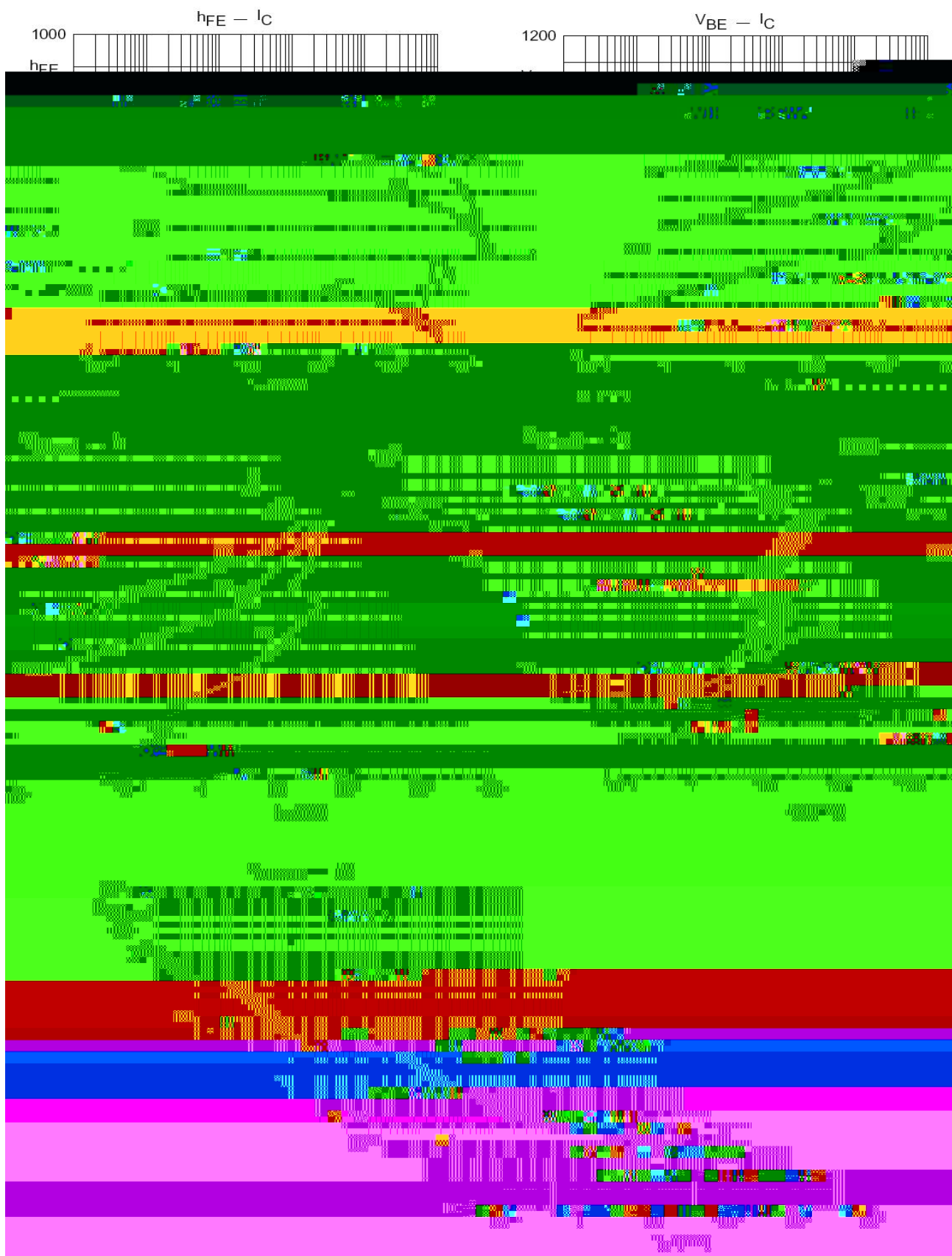
PIN 1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

h_{FE} Range	>300
Marking	HZC

PBSS4350T

/ Electrical Characteristic Curve



/ Package Dimensions

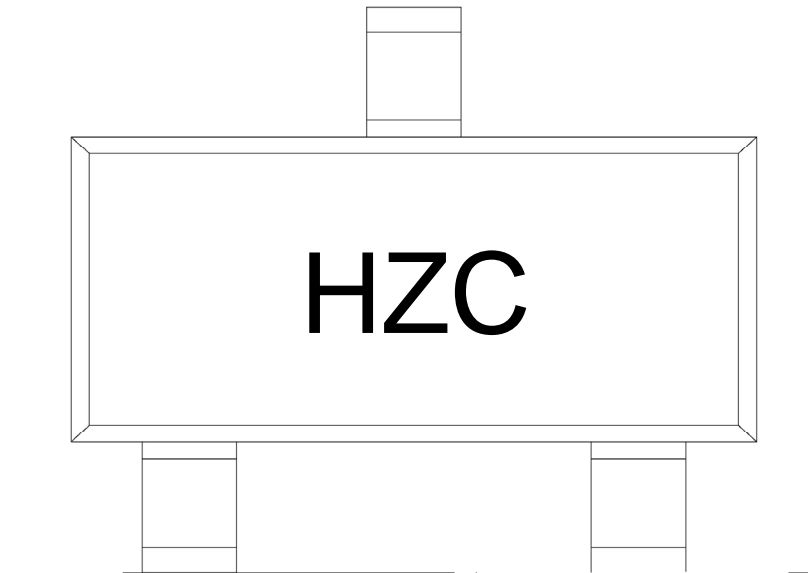
SOT-23

单位



Symbol	Dimension	Value
A	Maximum height	1.0
B	Maximum width	0.95
C	Maximum length	2.95
D	Maximum length	2.95
E	Maximum length	2.95
F	Maximum length	2.95
G	Maximum length	2.95
H	Maximum length	2.95
I	Maximum length	2.95
J	Maximum length	2.95
K	Maximum length	2.95
L	Maximum length	2.95
M	Maximum length	2.95
N	Maximum length	2.95
O	Maximum length	2.95
P	Maximum length	2.95
Q	Maximum length	2.95
R	Maximum length	2.95
S	Maximum length	2.95
T	Maximum length	2.95
U	Maximum length	2.95
V	Maximum length	2.95
W	Maximum length	2.95
X	Maximum length	2.95
Y	Maximum length	2.95
Z	Maximum length	2.95

/ Marking Instructions



H

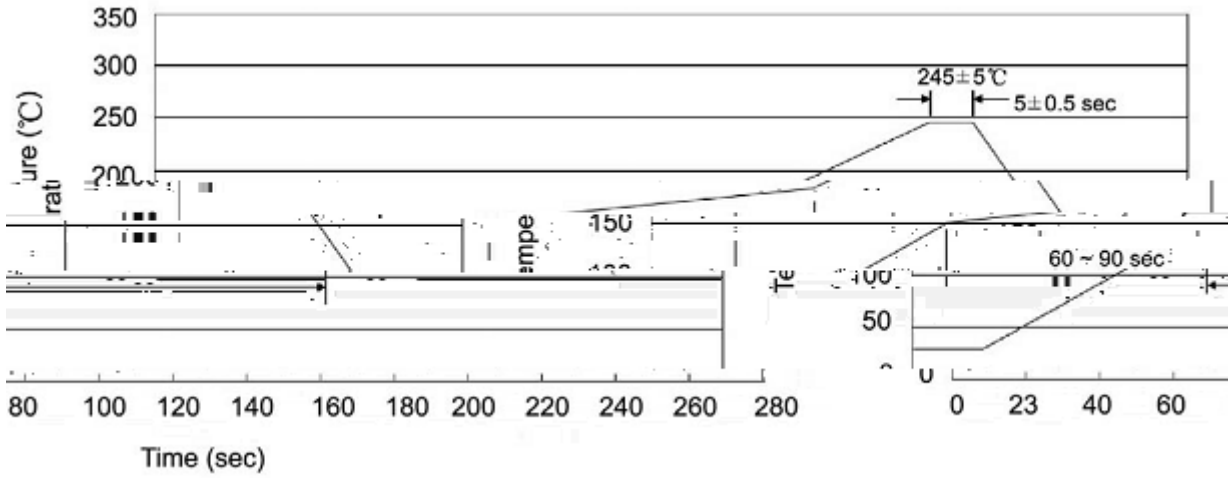
ZC

Note:

H Company Code

ZC Product Type Code

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



Note:

- | | | | | | |
|---|-------|-----|-------|--------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 245±5 | | 5±0.5 | sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices