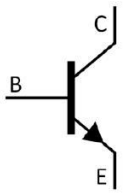
SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

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

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





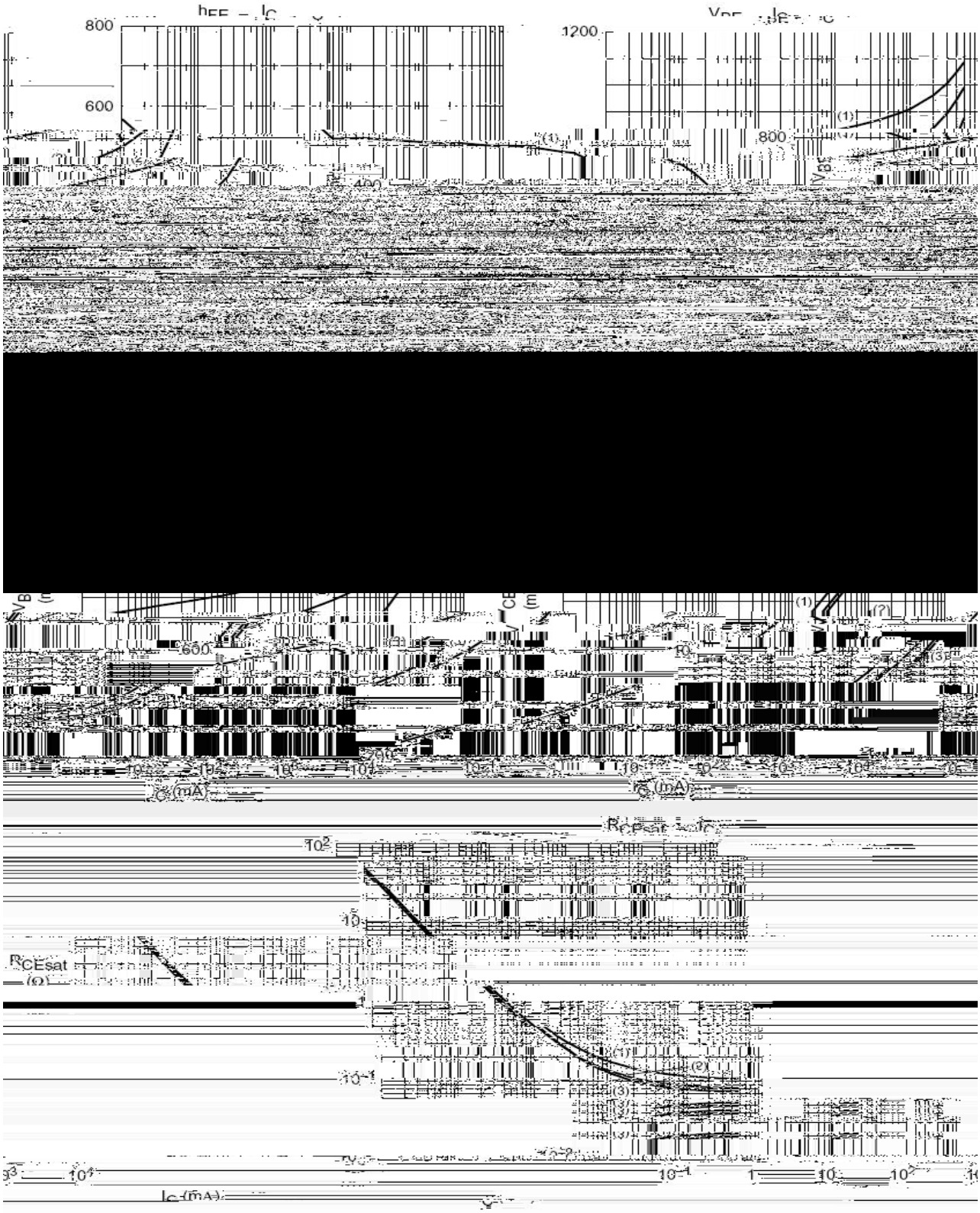
PIN 1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

h_{FE} Range 220~450

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	20	

/ Electrical Characteristic Curve



http://www.fsbrec.com

/ Marking Instructions



H

ZG

Note:

H	Company Code
ZG	Product Type

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

					Note:
1	150	180	60	90sec;	1.Preheating:150~180℃, Time:60~90sec.
2	245±5			5±0.5sec;	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 封装形式	Units 包装数量				Dimension 包装尺寸 (unit: mm^3)
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	