

**/ Descriptions**

SOT-223 Silicon NPN transistor in a SOT-223 Plastic Package.

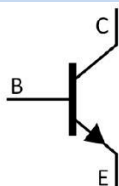
**/ Features**

High voltage.

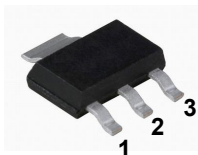
**/ Applications**

High voltage control circuit .

**/ Equivalent Circuit**



**/ Pinning**



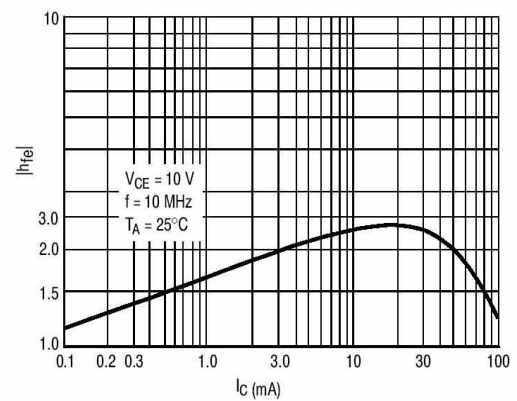
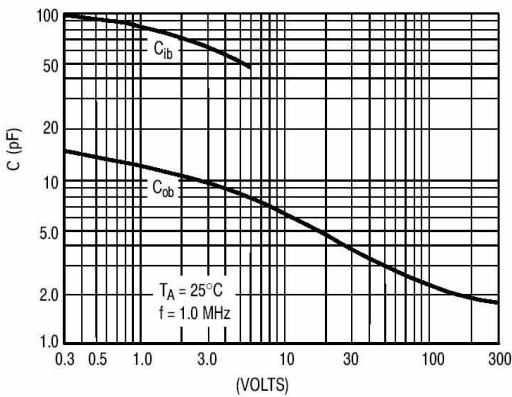
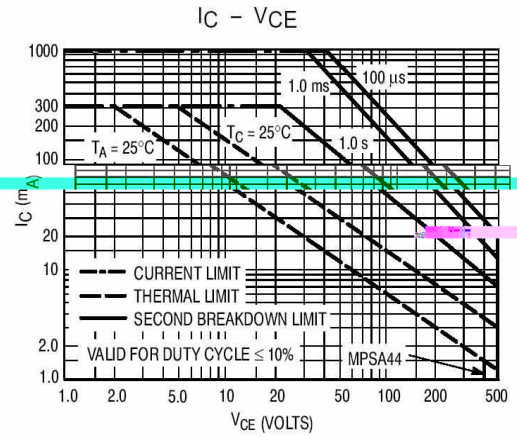
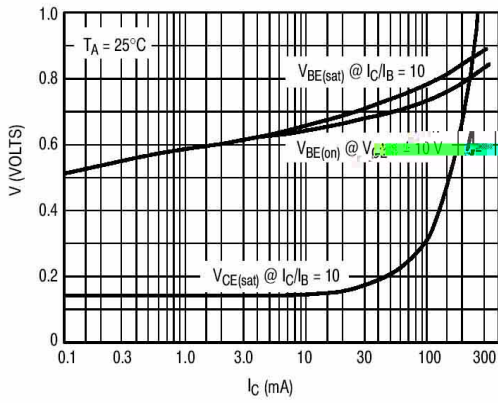
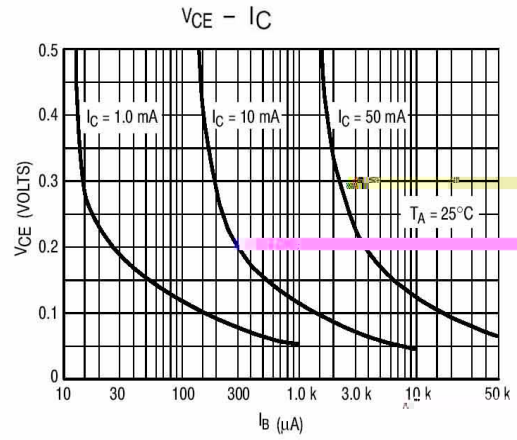
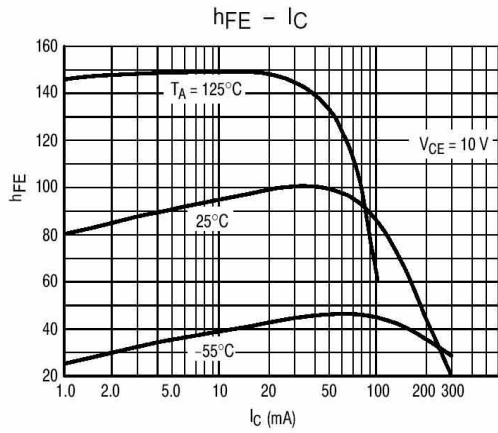
PIN1 Base      PIN 2 Collector      PIN 3 Emitter

**/  $h_{FE}$  Classifications & Marking**

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	400	V
Collector to Emitter Voltage	$V_{CEO}$	400	V

/ Electrical Characteristic Curve



**MMBTA44N**  
Rev.E Mar.-2016

/ Marking Instructions



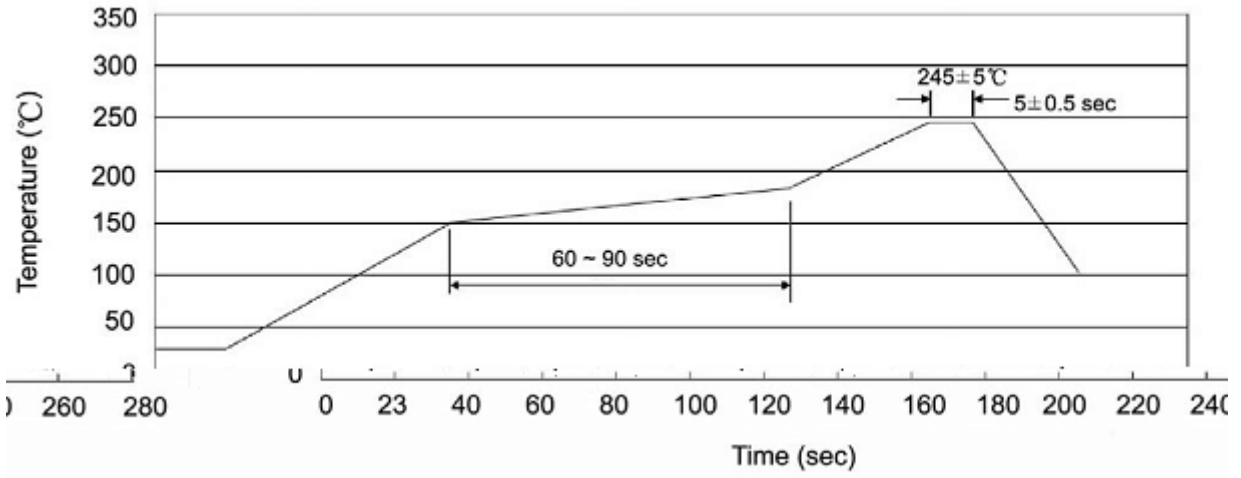
Note:

BR: Company Code.

A44N: Product Type.

\*\*\*\*: Lot No. Code, code change with Lot No.

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



Note:

- 1            25   150            60   90sec;
- 2

1.Preheating:25~150 , Time:60~90sec.