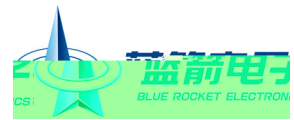


BCP56

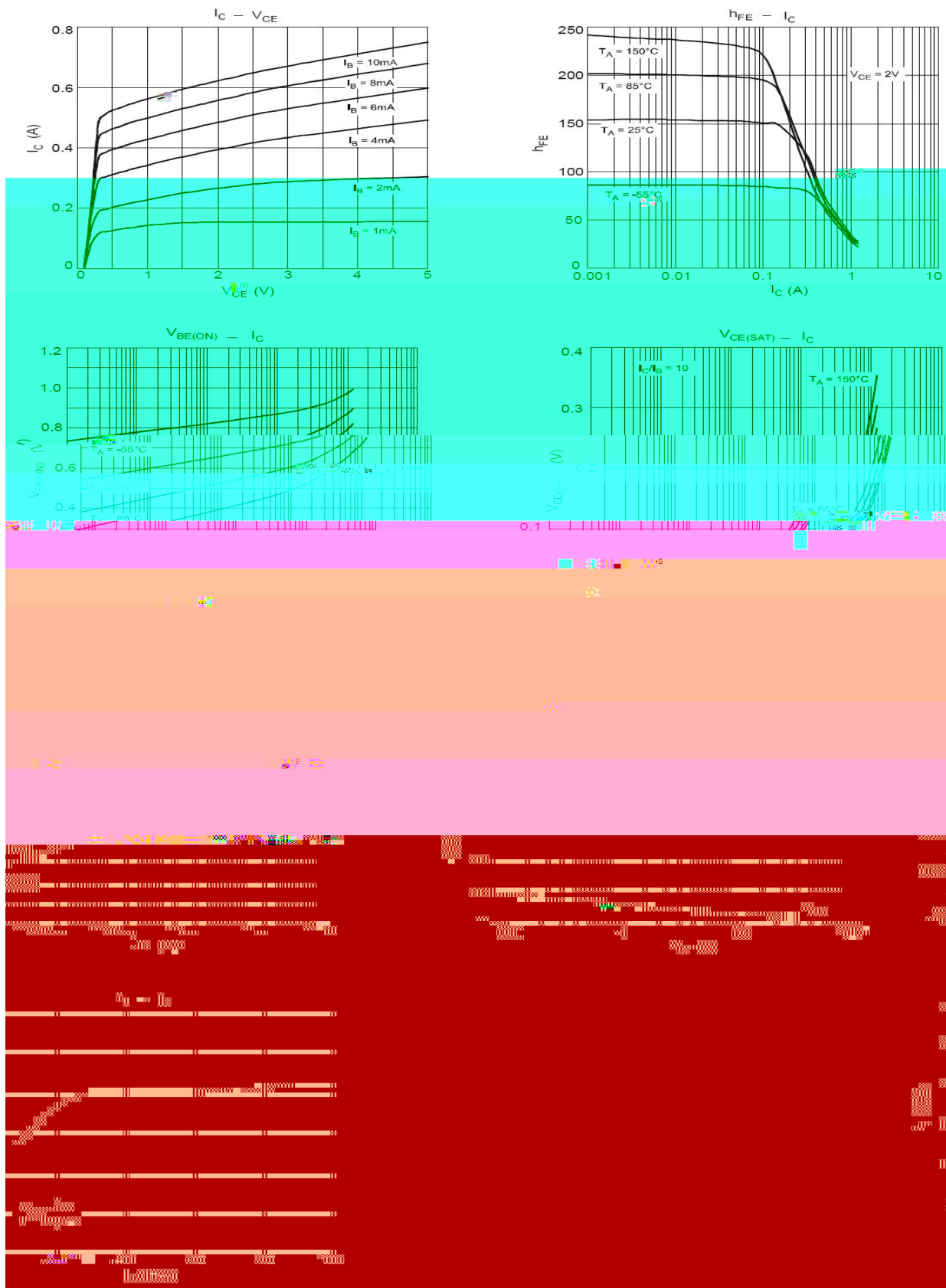
Rev.F Oct.-2023



DATA SHEET

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	100	V
Collector to Emitter Voltage	V_{CEO}	80	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	1.0	A
Peak Pulse Collector Current	I_{CM}	1.5	A
Peak Pulse Base Current	I_{BM}	200	mA

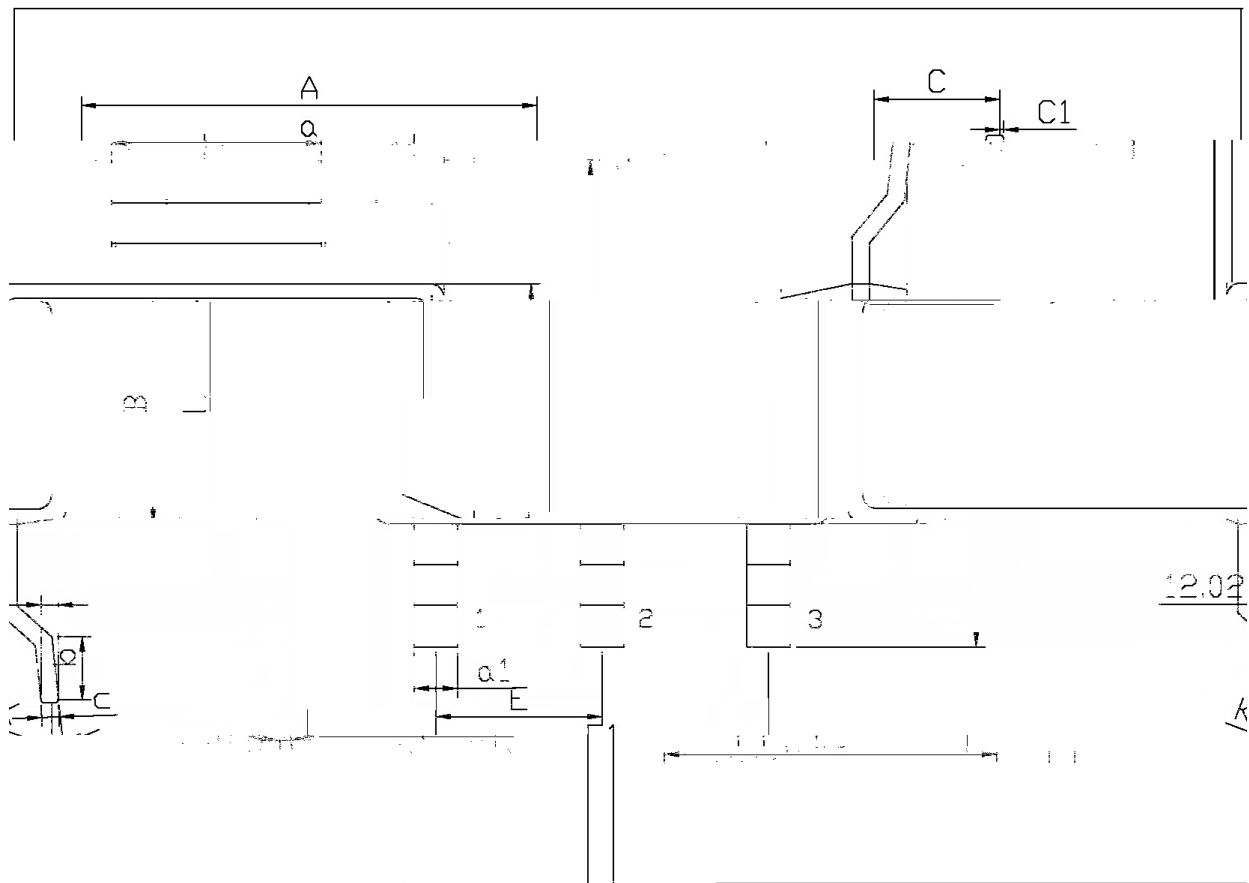
Electrical Characteristic Curve



/ Package Dimensions

SOT-223

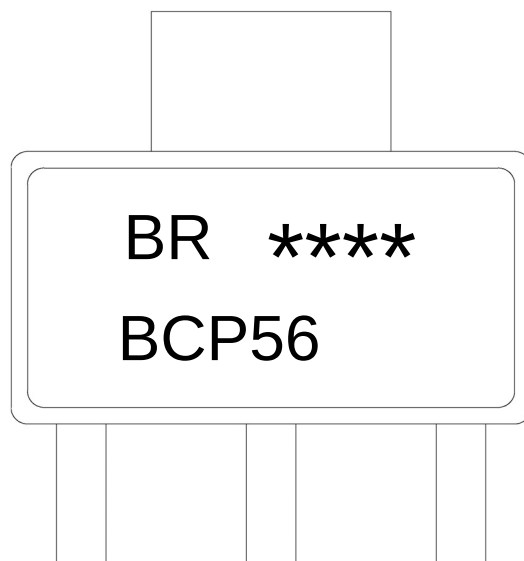
单位; mm



Dimensions In Millimeters			
Symbol	Min	Max	Symbol
A	5.30	6.70	A
a	2.90	3.20	a
C	0.30	0.70	C
C1	0.50	0.80	C1
E	0.10	0.50	E
K	0.10	0.50	K

Dimensions In Millimeters			
Symbol	Min	Max	Symbol
A	5.30	6.70	A
a	2.90	3.20	a
C	0.30	0.70	C
C1	0.50	0.80	C1
E	0.10	0.50	E
K	0.10	0.50	K

/ Marking Instructions



BR

BCP56

Note:

BR: Company Code

BCP56: Product Type

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

() / 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	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-223	2,500	2	5,000	6	30,000	13 ×12	360×360×50	380×335×366

/ Notices