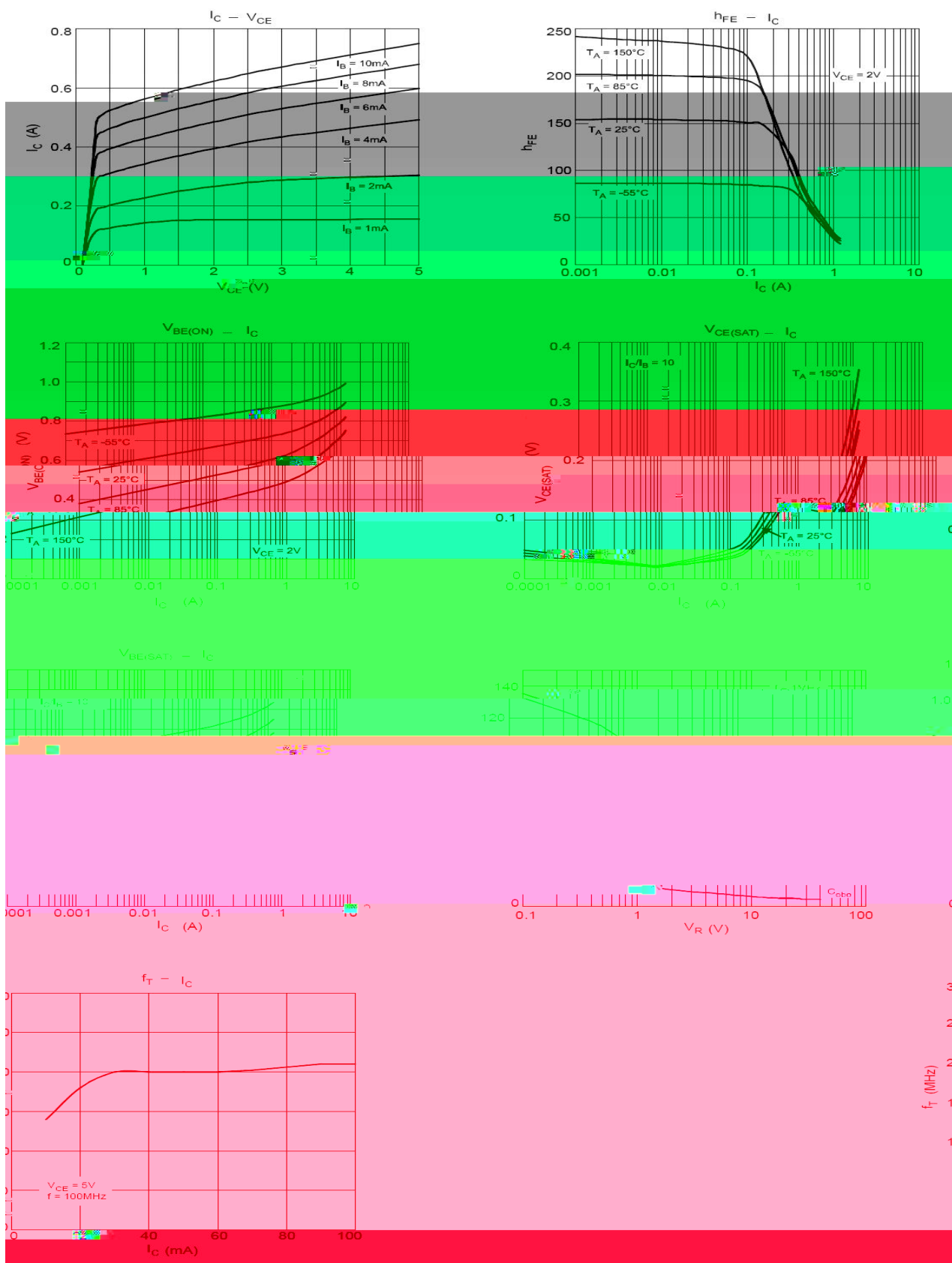


Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	100	V
Collector to Emitter Voltage	V_{CEO}	80	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	1.0	A
Peak Pulse Collector Current	I_{CM}	1.5	A
Peak Pulse Base Current	I_{BM}	200	mA
Power Dissipation	P_D	1.2	W
Thermal Resistance, Junction to Ambient	R_{JA}	105	K/W
Thermal Resistance, Junction to Leads	R_{JS}	13	K/W

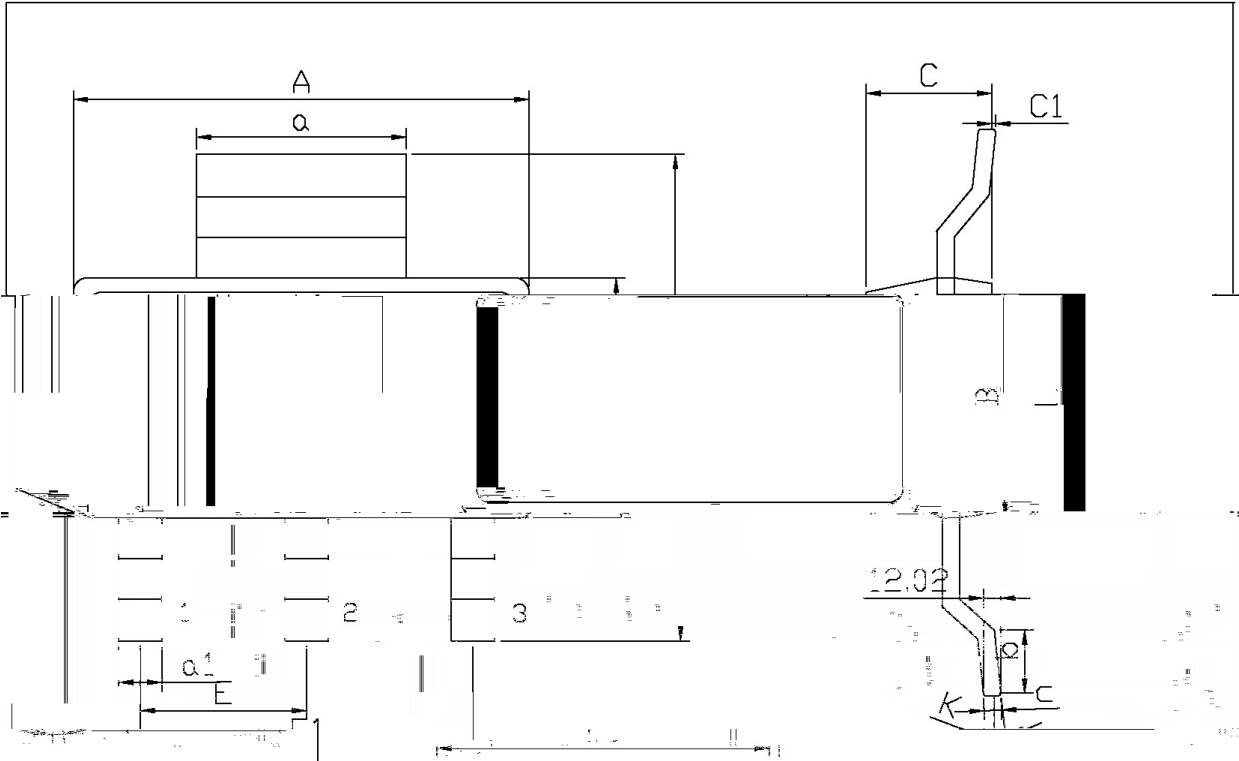
/ Electrical Characteristic Curve



/ Package Dimensions

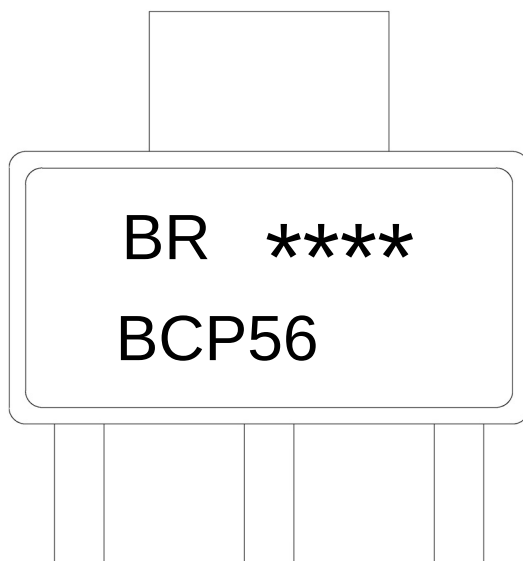
SOT-223

单位; mm



Dimensions In Millimeters				Dimensions In Millimeters			
Symbol	Min	Max	Symbol	Min	Max	Symbol	Min
A	6.70	7.70	A1	6.30	7.70	A	6.30
a	3.10	3.70	a1	2.90	3.70	a	2.90
c	0.24	0.32	B	3.30	3.70	B	3.30
a1	0.60	0.80	K	10°	10°	K	10°
E	4.10	5.10					
	2.00	2.60					

/ 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 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	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOT-223	2,500	2	5,000	6	30,000	13 ×12	360×360×50	380×335×366

/ Notices