

2SC1360(A)

Rev.E Mar.-2016

/ Descriptions

TO-92LM NPN Silicon NPN transistor in a TO-92LM Plastic Package.

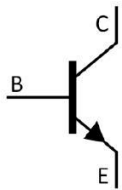
/ Features

High f_T , large P_C .

/ Applications

Picture IF amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

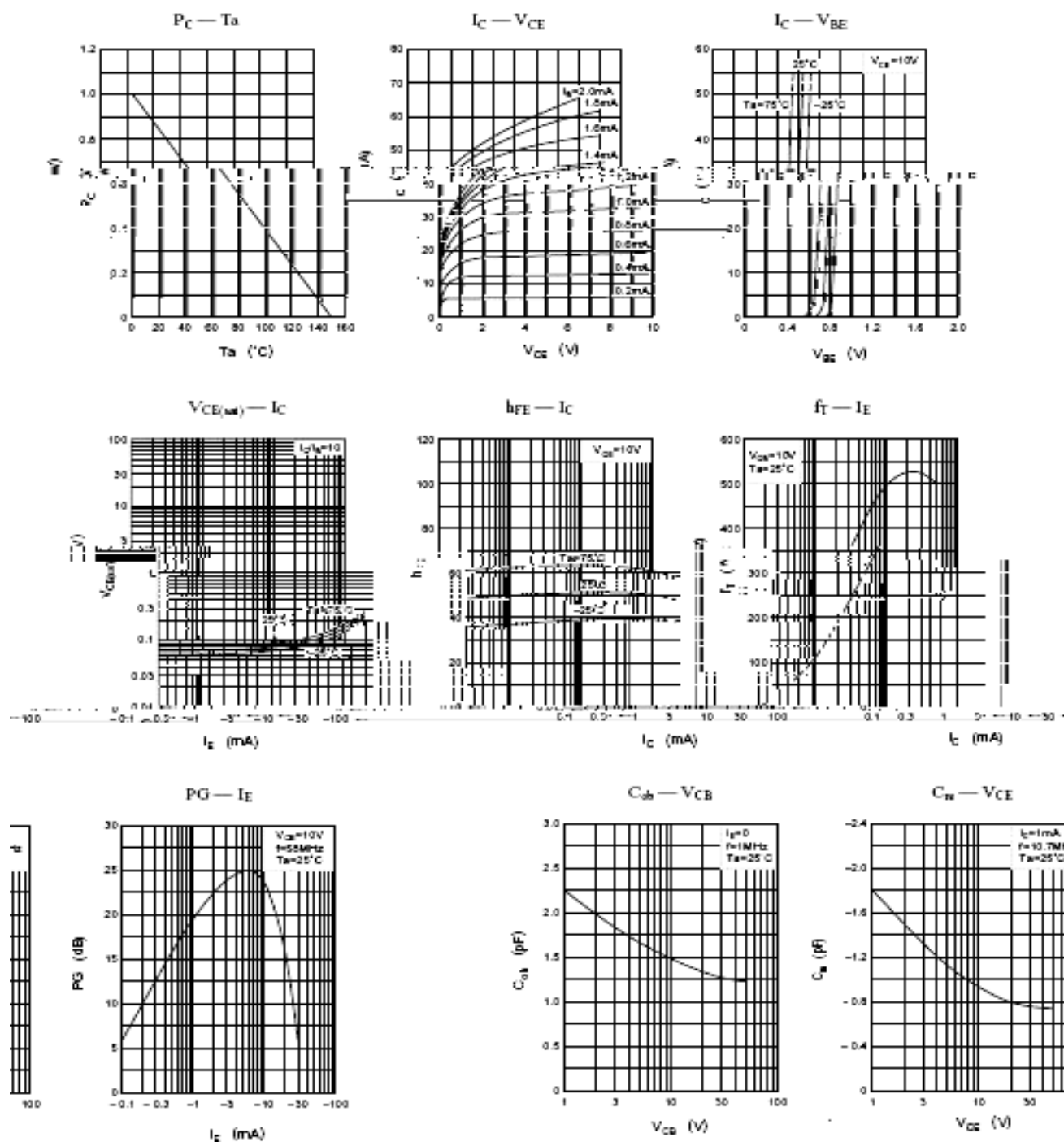
/ h_{FE} Classifications & Marking

See Marking Instructions.

Parameter	Symbol		Rating	Unit
Collector to Base Voltage	V_{CBO}	2SC1360	50	V
		2SC1360A	60	
Collector to Emitter Voltage	V_{CEO}	2SC1360	45	V
		2SC1360A	60	
Emitter to Base Voltage	V_{EBO}		4.0	V
Collector Current - Continuous	I_C		50	mA
Collector Power Dissipation	P_C		1.0	W
Junction Temperature	T_j		150	
Storage Temperature Range	T_{stg}		-55 150	

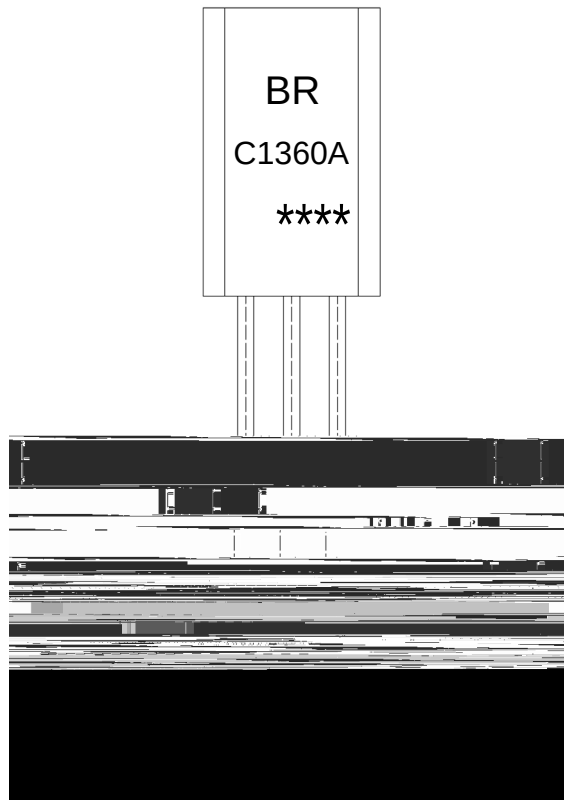
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	2SC1360 $I_C = 10\mu A, I_E = 0$	50		60	V
Collector to Emitter Breakdown Voltage	V_{CEO}	2SC1360 $I_C = I_E = 10\mu A, R_{th} = 100^\circ C/W$	45		60	V

/ Electrical Characteristic Curve



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/ Marking Instructions



BR:

C1360A

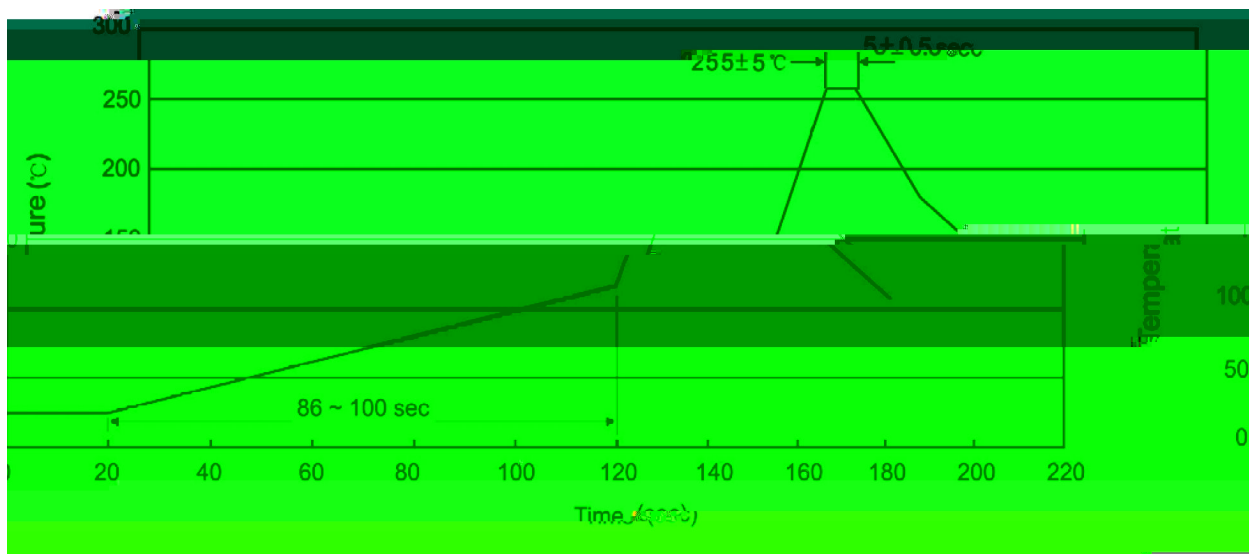
Note:

BR: Company Code.

C1360A: Product Type.

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

() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|-----------|---|--------------------------------------|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255±5 | | 5±0.5sec; | 2.Peak Temp.:255±5 , Duration:5±0.5sec. | |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

270±5 10±1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type		Units		Dimensions (mm3)	
Units/Bag	Units/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Bag
袋	盒	盒	箱	箱	袋