

BRDBC847

Rev.E Jul.-2023

SOT-363
Package.

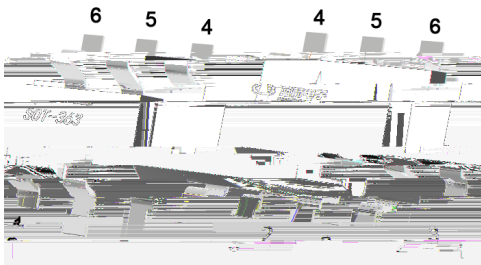
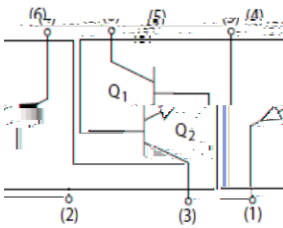
NPN

Double silicon NPN transistor in a SOT-363 Plastic

, BRDBC857

High voltage, complementary pair with BRDBC857, HF Product.

General purpose high voltage amplifier.



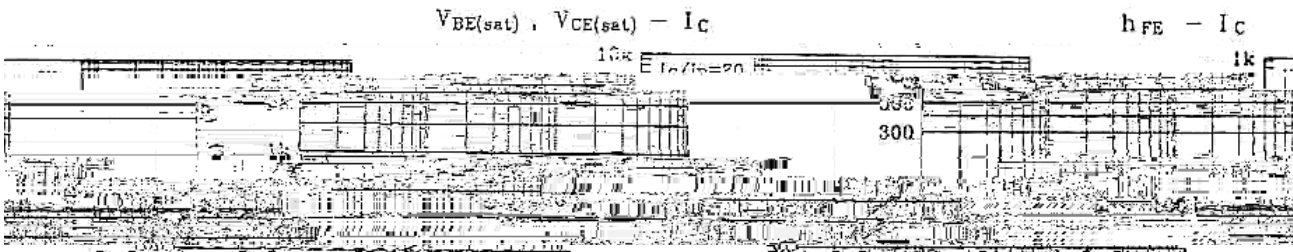
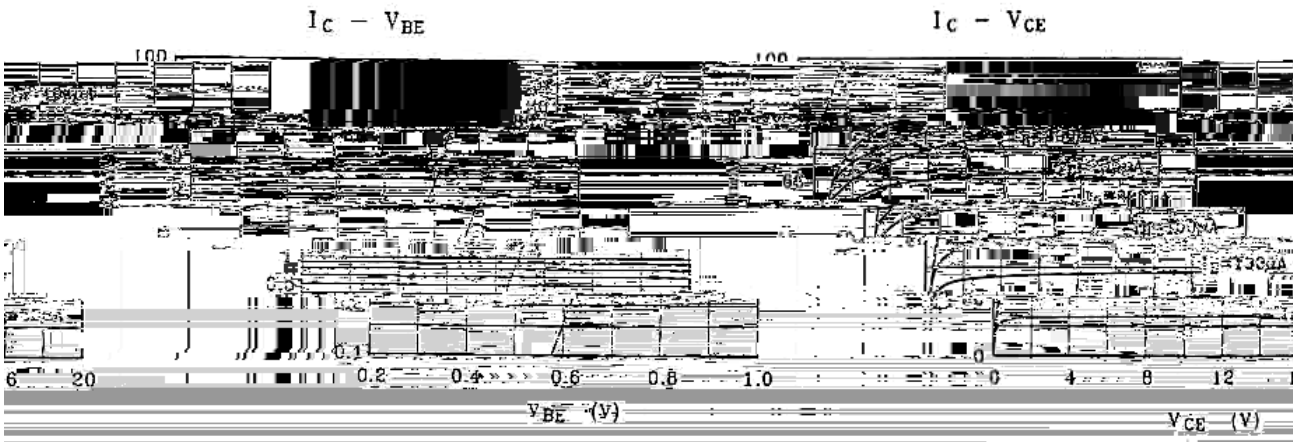
PIN 1 4 Emitter

PIN 2 5 Base

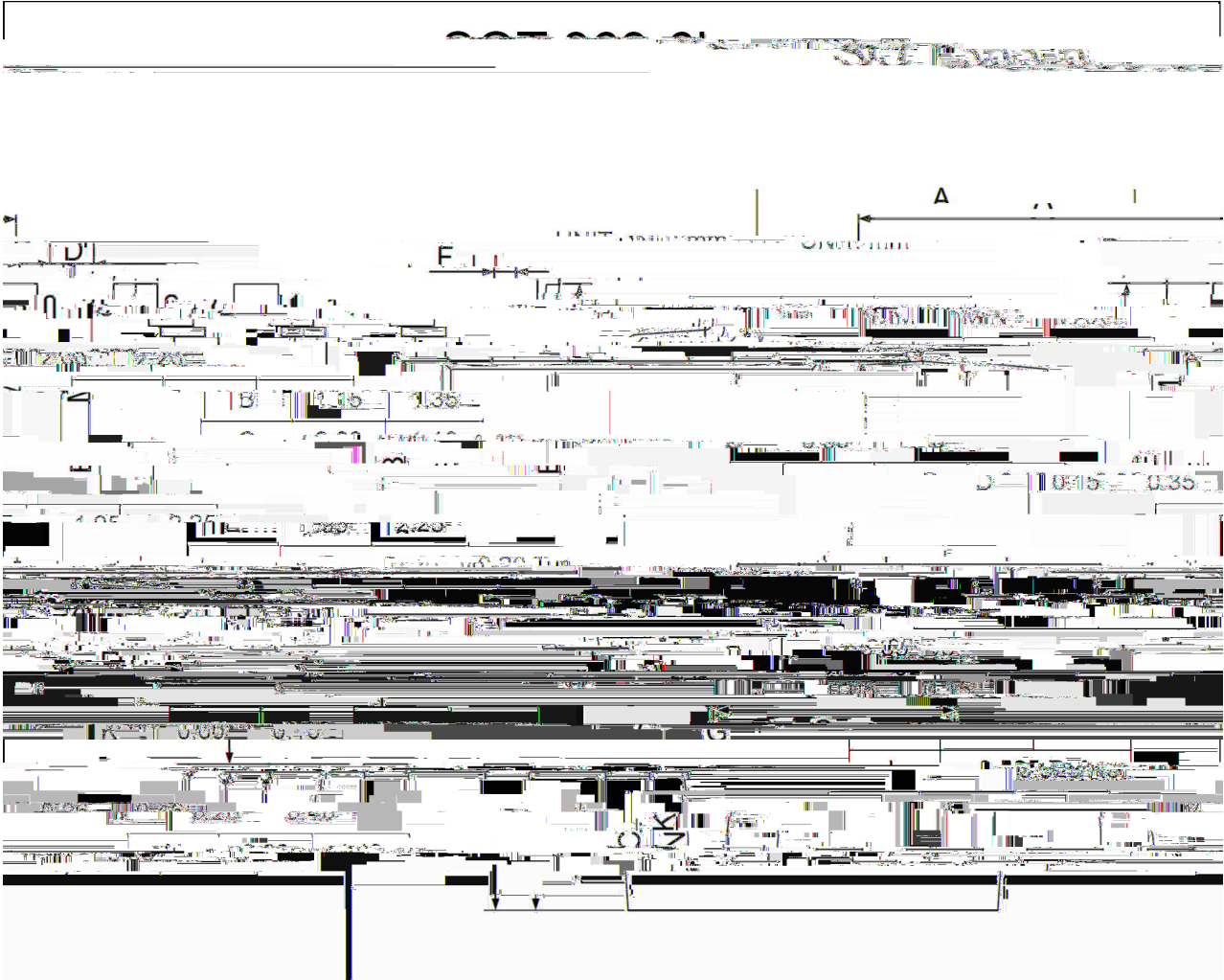
PIN 3 6 Collector

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	50	V
Collector to Emitter Voltage	V_{CEO}	45	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current	I_C	100	mA
Total Package Dissipation	P_D		

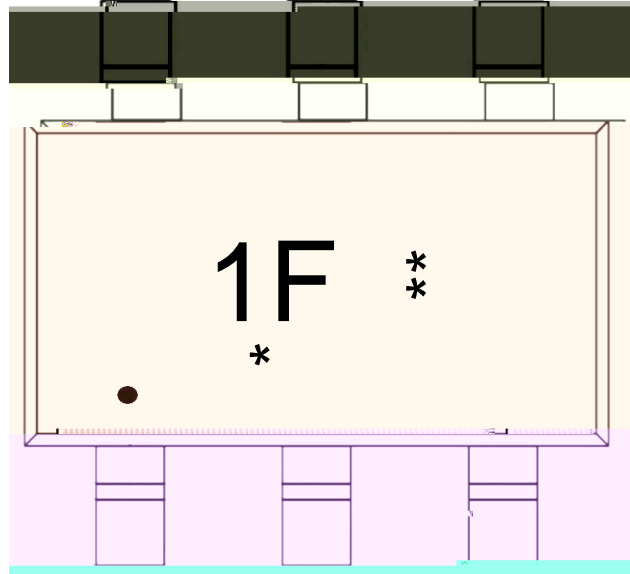
/ Electrical Characteristic Curve




/ Package Dimensions




/ Marking Instructions

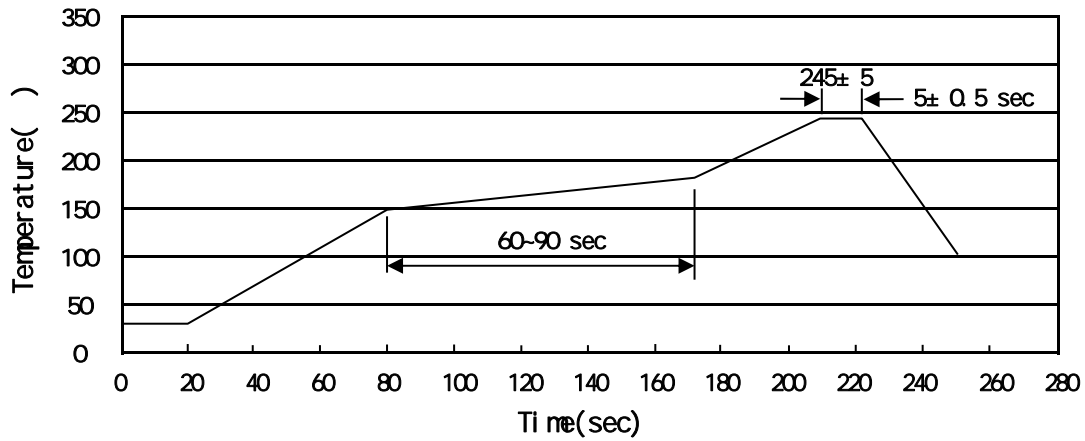


 " 1"
 1
 F hFE

Note:

 " 1" Pin
 1 Product Type Code
 F hFE Classifications Symbol Code
 *** Lot No. Code, code change with Lot No

() / Resistance to Soldering Heat Test Conditions



Note:

- | | | | | | |
|---|-------|-----|-------|--------|---|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180 , Time:60~90sec. |
| 2 | 245±5 | | 5±0.5 | sec; | 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-363	3,000	10	30,000	6	180,000	7 x8	180x120x180	390x385x205

/ Notices