

/ Descriptions

Silicon NPN transistor in a TO-263 Plastic Package.

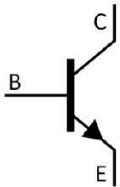
/ Features

For 45-50W audio frequency amplifier output stage, Complementary to BR2SB88B.

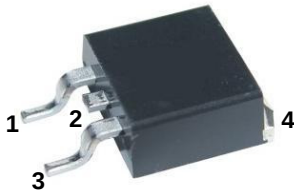
/ Applications

Designed for use in audio frequency amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 4 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	R	O
h_{FE} Range	55~110	80~160

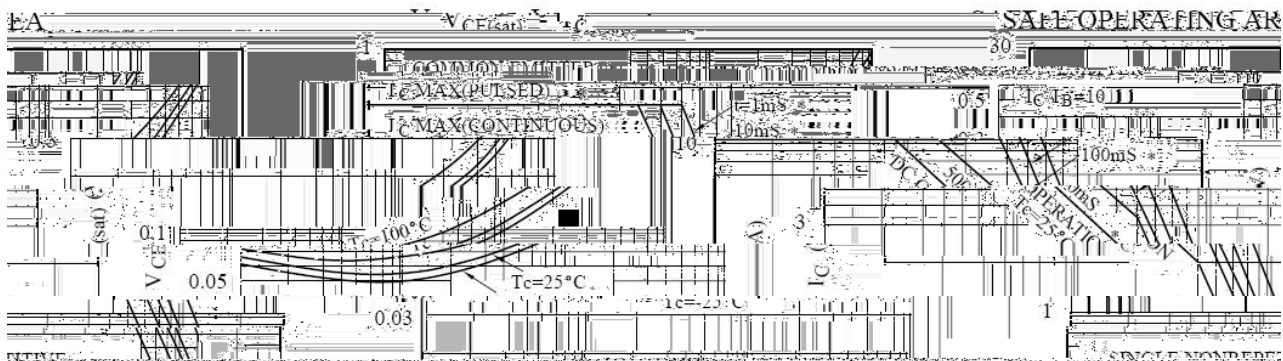
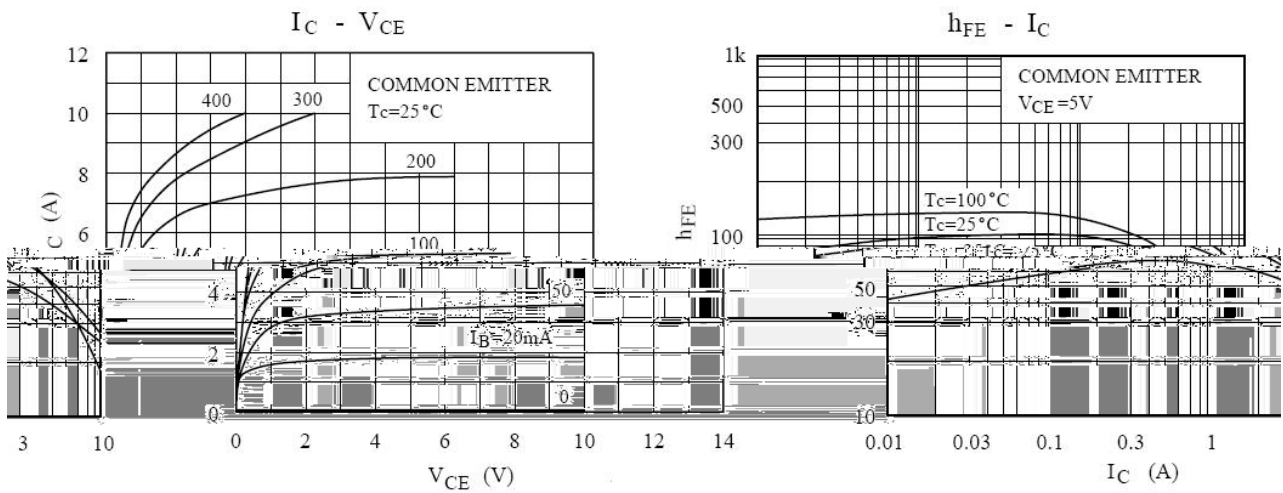
Parameter

Symbol

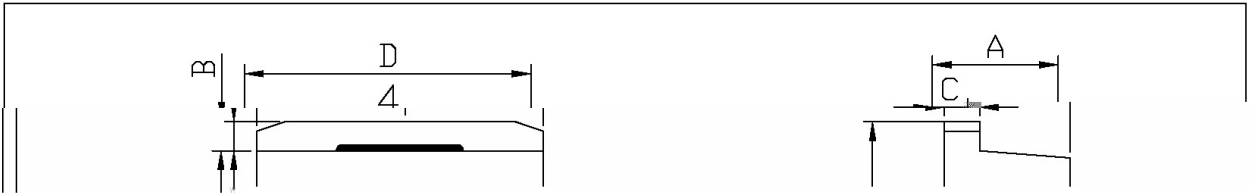
Rating

Unit

/ Electrical Characteristic Curve



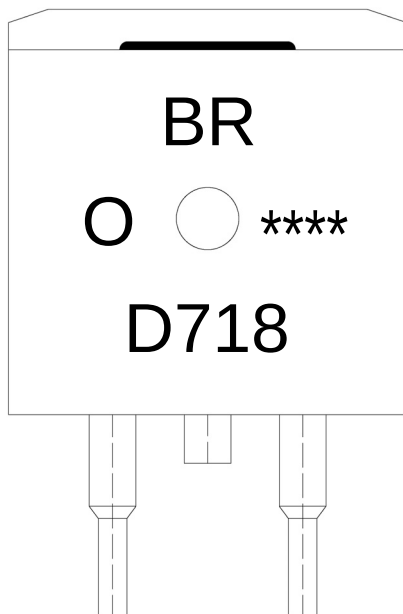
/ Package Dimensions



单位: mm

Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	4.30	4.70	E	0.00	0.40
B	1.00	1.40	e1	2.34	2.54
b	0.70	0.90	e2	4.88	5.08
b1	1.15	1.35	L1	15.00	15.24
b2	0.40	0.60	L2	2.24	2.54
C	1.20	1.40	L3	1.20	1.40
D	9.80	10.20			

/ Marking Instructions



Note:

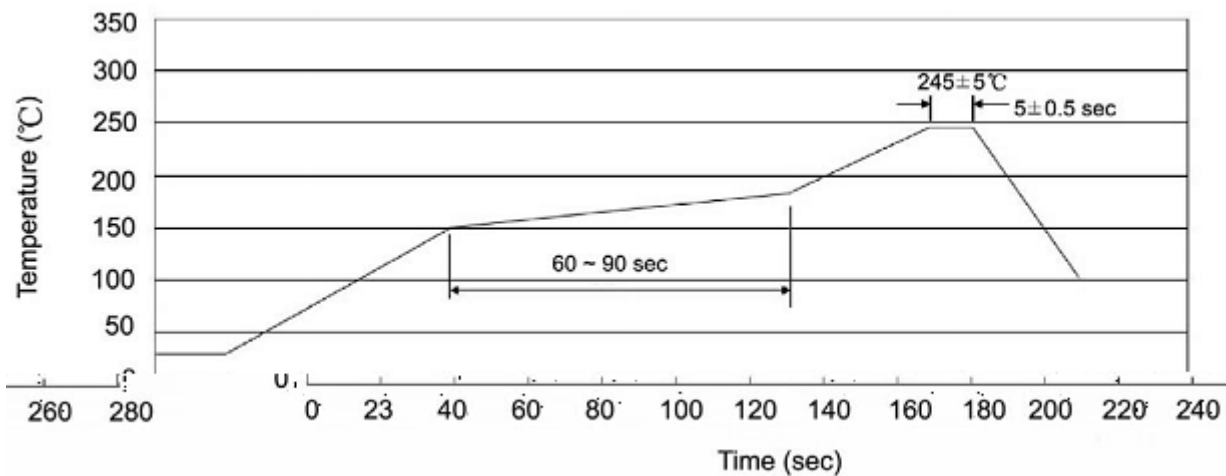
BR: Company Code.

D718: Product Type.

O: h_{FE} Classifications Symbol.

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

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Note:

- | | | | | | |
|---|-----|-----|----|---------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , 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
TO-263	800	1	800	5	4,000	13" ×24	360×360×50	385×257×392

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-263	50	20	1,000	5	5,000	532×33×7.0	555×164×50	575×290×180

/ Notices