

/ Descriptions

Silicon PNP transistor in a TO-252 Plastic Package.

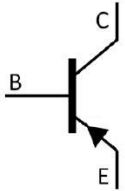
/ Features

Low Speed ,Load Formed for Surface Mount Application, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

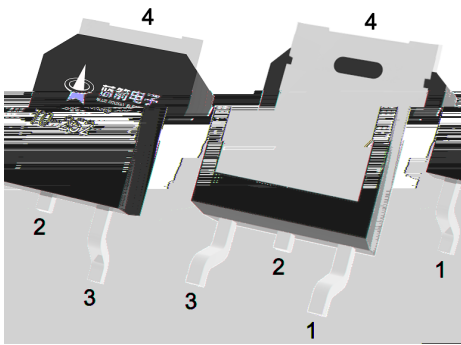
/ Applications

General Purpose Amplifier, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base

PIN 2,4 Collector

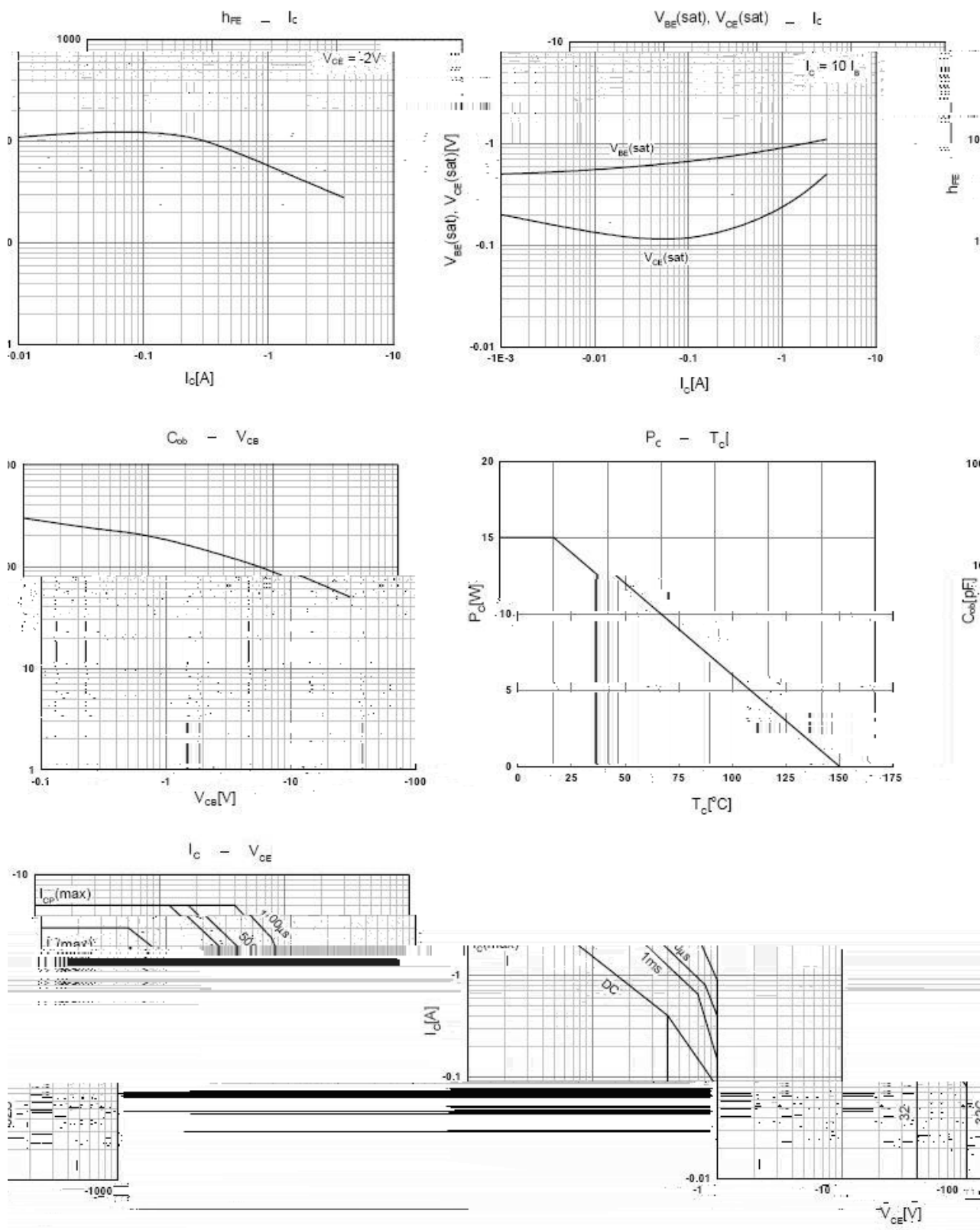
PIN 3 Emitter

/ h_{FE} Classifications & Marking

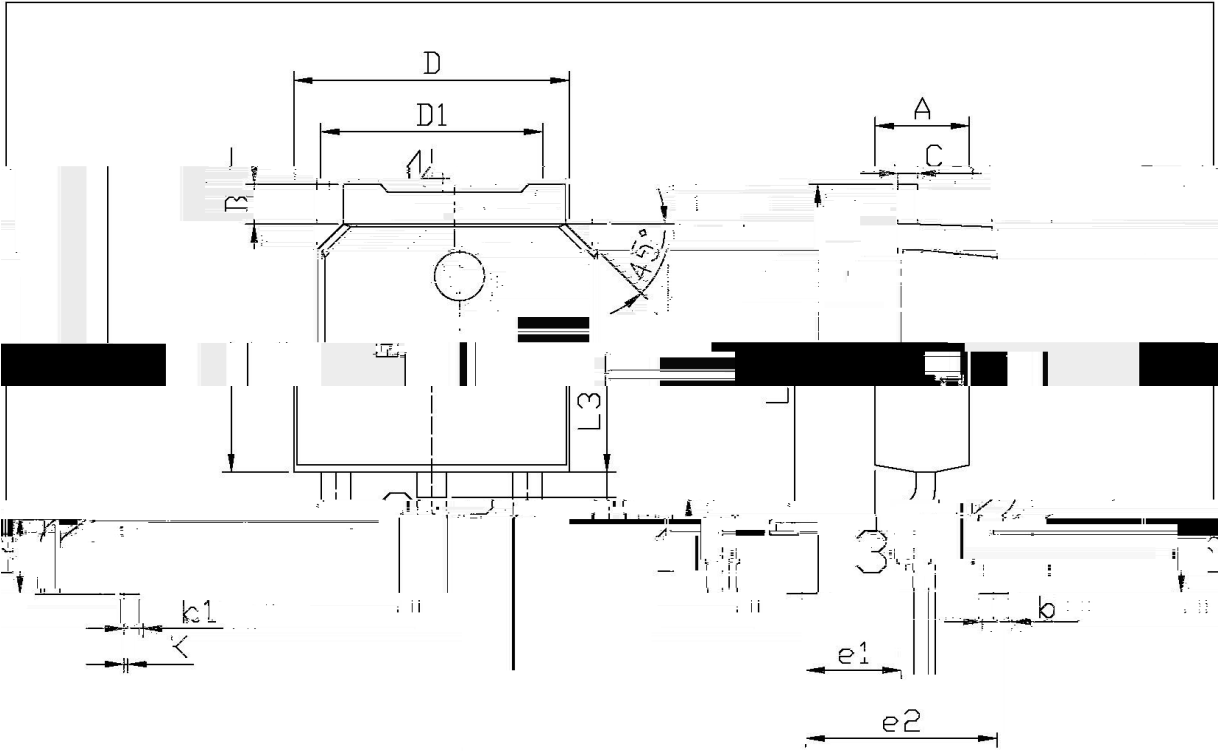
See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-100	V
Collector to Emitter Voltage	V_{CEO}	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0	V

/ Electrical Characteristic Curve



/ Package Dimensions

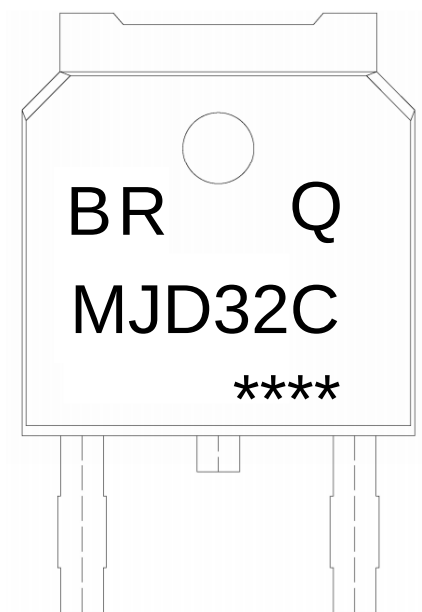


单位：mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	2.25	2.40	E	5.95	
B	0.95	1.25	e1	2.24	
C	0.70	0.90	e2	4.42	
b1	0.45	0.55	L1	9.85	10
D	0.55	1.2	L3	0.60	
D1	6.45	6.75	K	0.00	

TO-252

/ Marking Instructions



BR

Q

Note:

BR: Company Code

Q: Automobile halogen-free product Code

MJD32C: Product Type

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

() / Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

- 1

150 200

60 120sec;

1.Preheating:150~200 , Time:60~120sec.
- 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.