

/ Descriptions

TO-252

PNP

Silicon PNP transistor in a TO-252 Plastic Package.

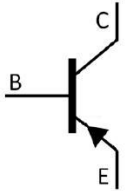
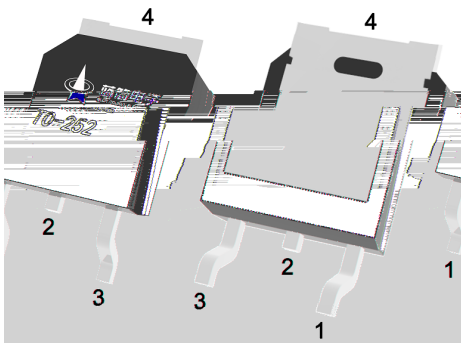
/ Features

AEC-Q101

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

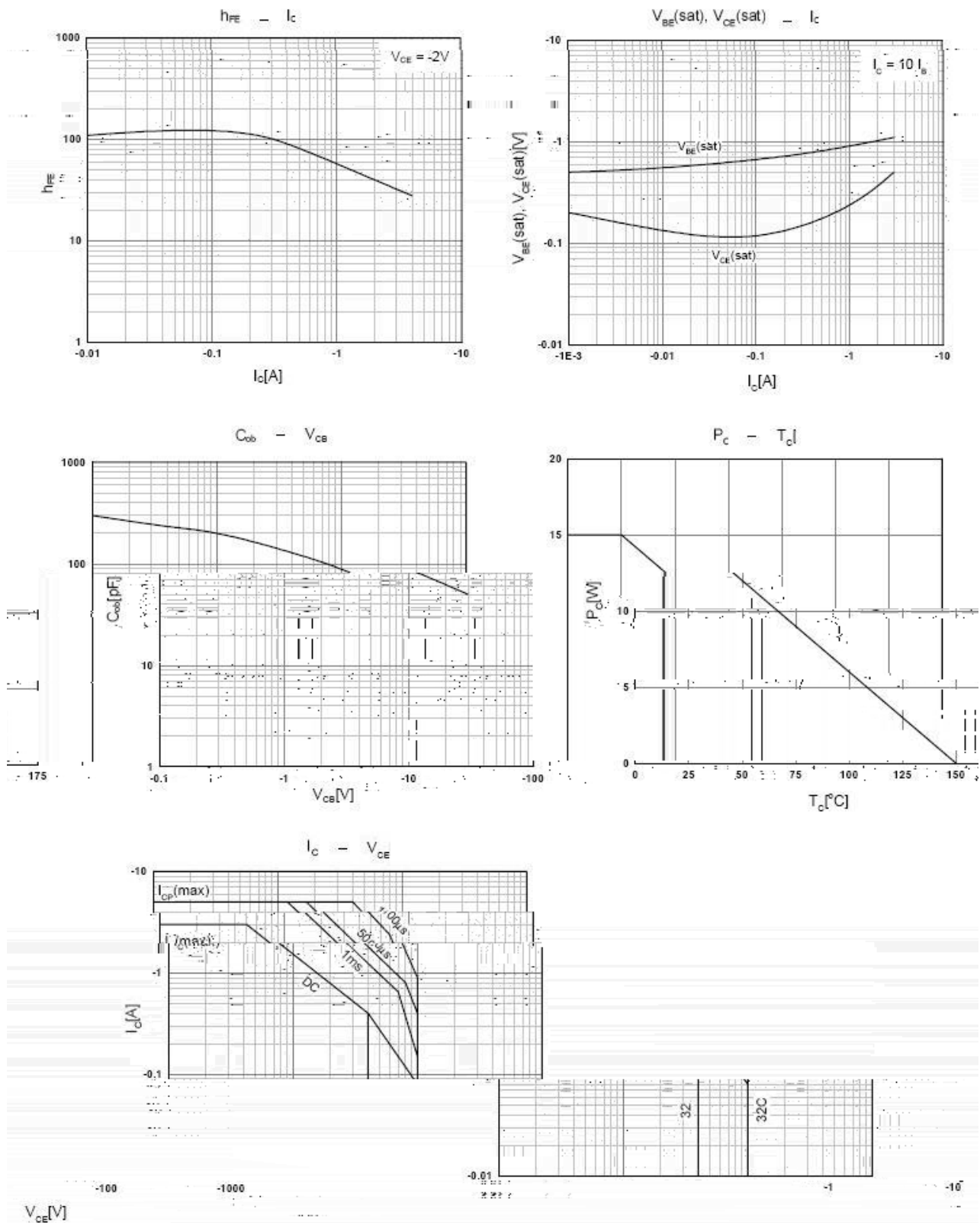
PIN 3 Emitter

/ h_{FE} Classifications & Marking

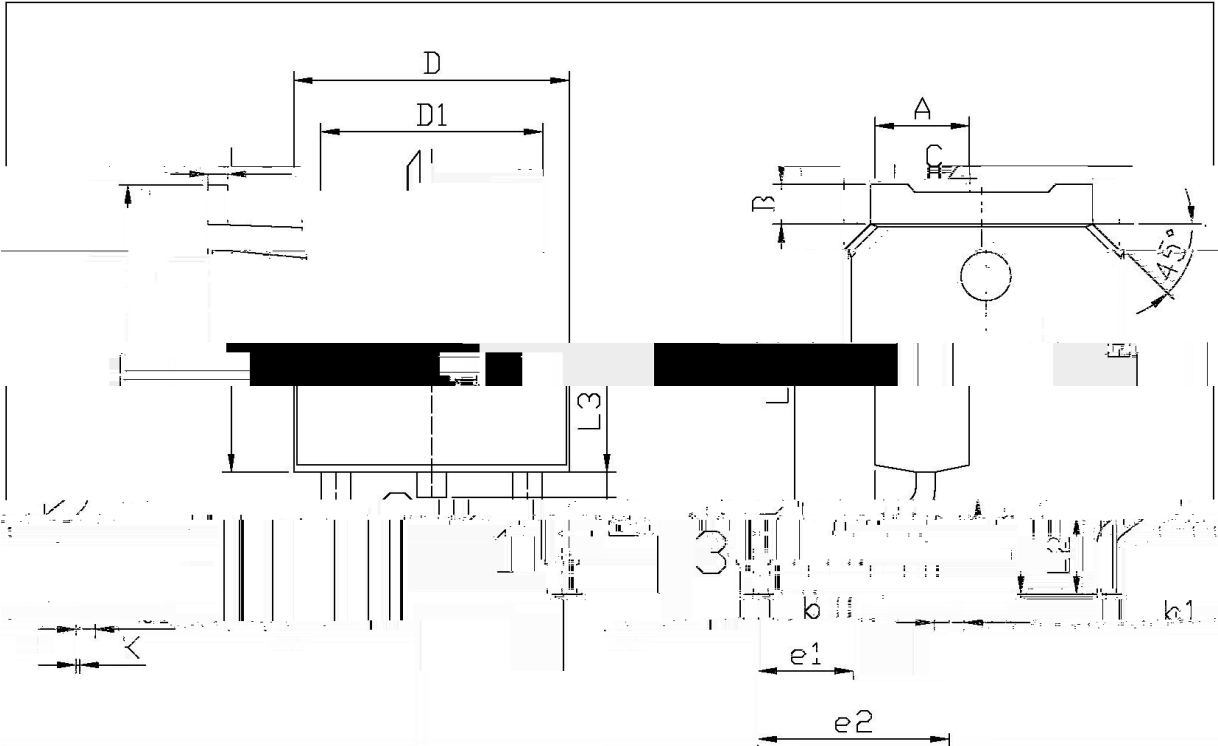
See Marking Instructions.

Parameter				Symbol	Rating	Unit
Collector to Base Voltage				V _{CBO}	-100	V
Collector to Emitter Voltage				V _{CEO}	-100	V
2	50	100	200	V _{EB0}	-5.0	V

/ Electrical Characteristic Curve



/ Package Dimensions



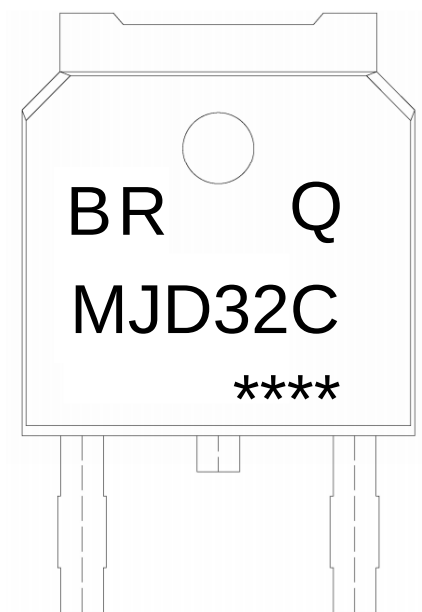
单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	5.05	6.35	A	2.90	2.40
B	1.25	2.24	B	0.95	0.95
C	0.20	0.20	C	0.70	0.70
D	0.55	9.85	D	0.45	0.45
D1	0.45	10.35	D1	1.70	2.00
L3	0.60	0.90	L3	6.45	6.75
K	0.00	0.10	K	5.10	5.50

252

TO-2

/ Marking Instructions



BR

Q

MJD32C

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.