BRMJD32CQ

Rev.A Apr.-2024

DATA SHEET

/ Descriptions

WR0585 ṂṂ Ŀ SQS ᴁṀ ɥ s Ⅱ ᄀ Silicon PNP transistor in a TO-252 Plastic Package.

/ Features

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

/ Applications

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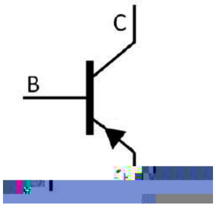
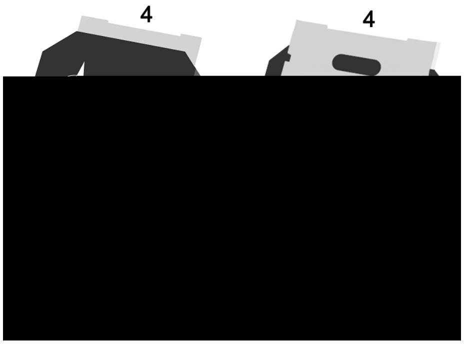
General Purpose Amplifier, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning



PIN1 χ Base PIN 2,4 χ Collector PIN 3 χ Emitter

/ h_{FE} Classifications & Marking

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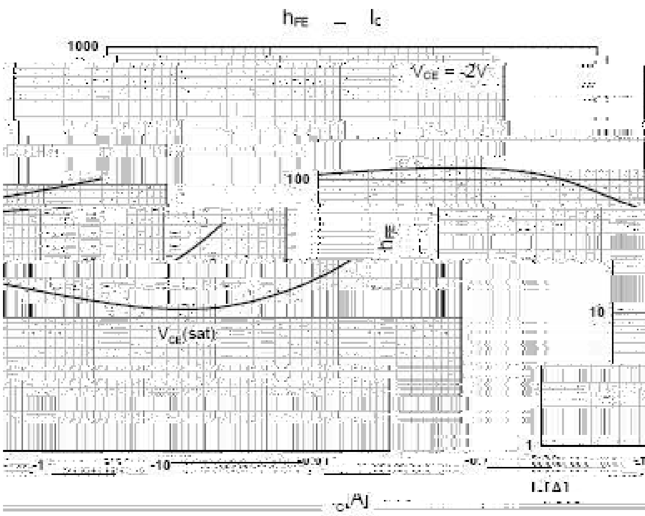
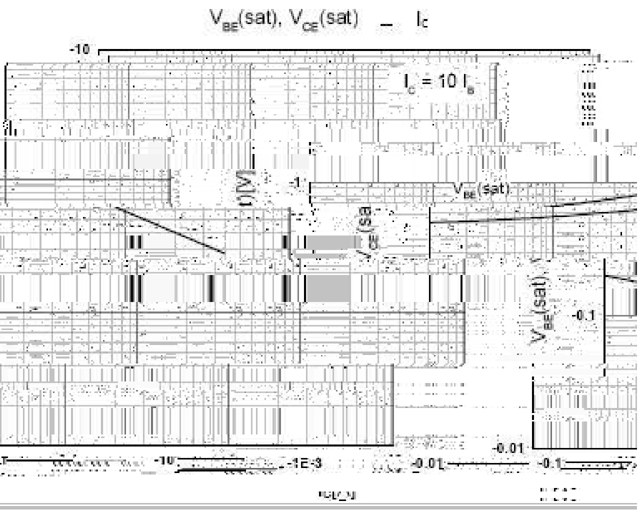
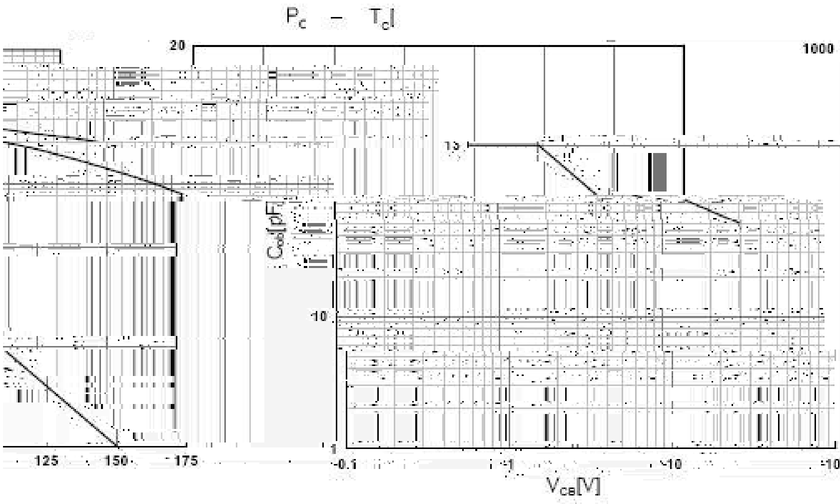
See Marking Instructions.

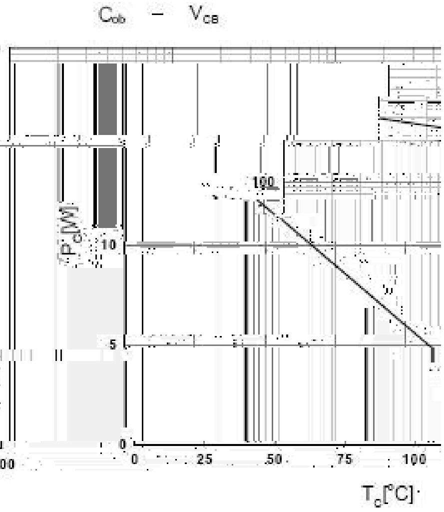
v Ὠ̹ Parameter	ɻ ᴺ Symbol	Ὠ̹Ɵ̈ Rating	ᴅ Ʉ Unit
Collector to Base Voltage	V_{CBO}	-100	V
Collector to Emitter Voltage	V_{CEO}	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0	V

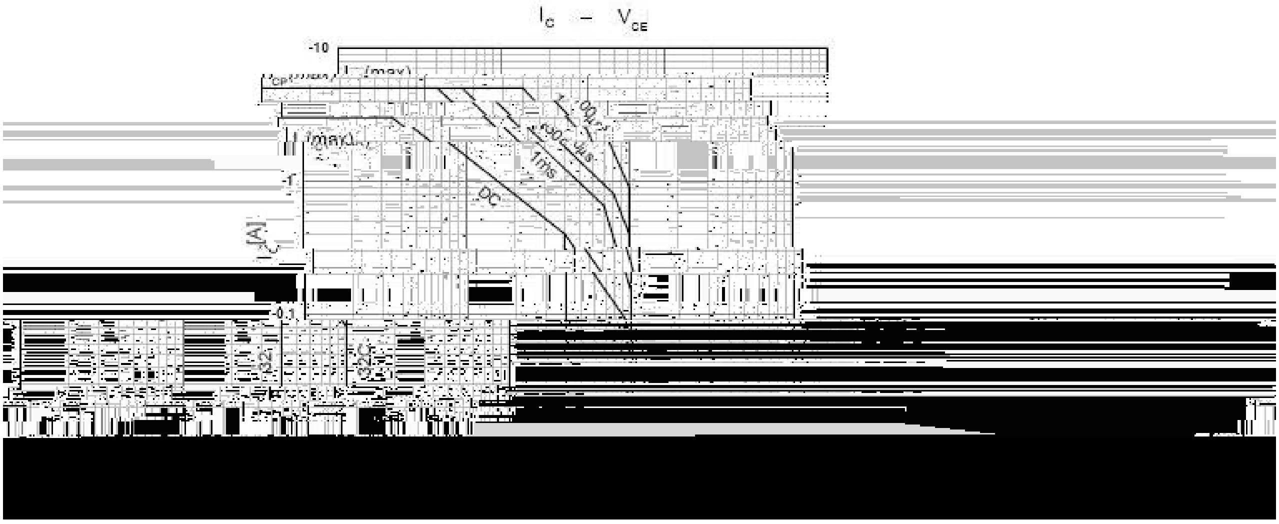
/ Electrical Characteristic Curve



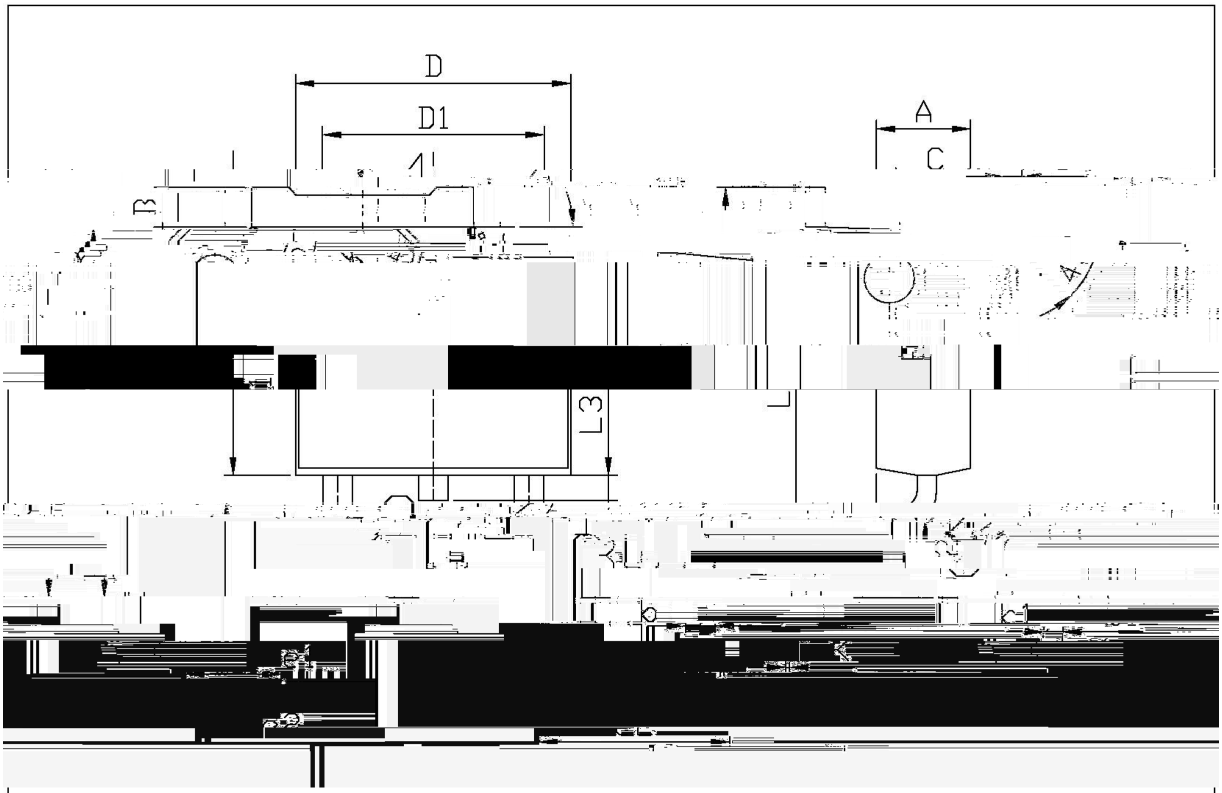








/ Package Dimensions

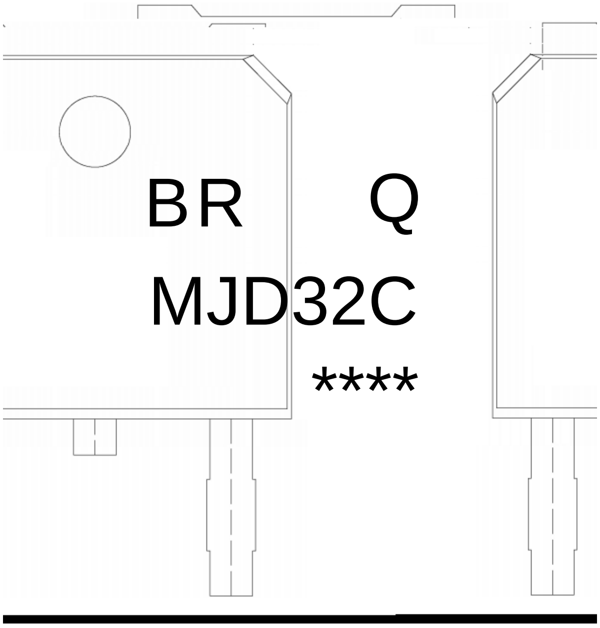


单位：mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max		Min	Max
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.34	[illegible]	B	0.95	1.25	e1	2.24	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	10.35	[illegible]	[illegible]	0.45	0.55	[illegible]	9.85	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	D	6.45	6.75	[illegible]	0.60	[illegible]
[illegible]	0.00	0.10	D1	5.10	5.50	K	[illegible]	[illegible]

TO-252

/ Marking Instructions



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P▯G65F χ ѭ ғ ᵝ ʒ ᴺ

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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)

ب ˝ χ	Note:
1 ỉ ♬ □ ỷ 150 Ḱ 200 ƚ ı `H ڙ 60 Ḱ 120sec;	1.Preheating:150~200 ƚ , Time:60~120sec.
2 Š Ӫ □ ỷ 255 ° 5 ƚ ı `H ڙ 'Y ᛆ 㳄 5 ° 0.5sec;	2.Peak Temp.:255 ° 5 ƚ , Duration:5 ° 0.5sec.
3 ì ˙ ˥ ˛ ɔ ẩ ỷ 㳄 2 Ḱ 10 ƚ /sec.	3. Cooling Speed: 2~10 ƚ /sec.