

5 é / Descriptions

:5 .> // x 6 4 6 ! - } â 'ož  
Silicon PNP transistor in a TO-252 Plastic Package.

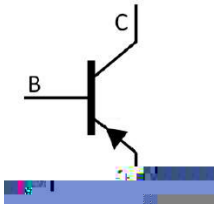
α<sup>a</sup> / Features

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High voltage, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

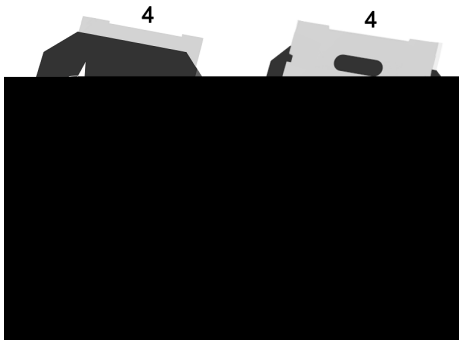
Đ ÷ / Applications

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High voltage general purpose applications, Meet the stringent requirements of automotive applications.

Ã W ] Ô . / Equivalent Circuit



• Ū - æ / Pinning



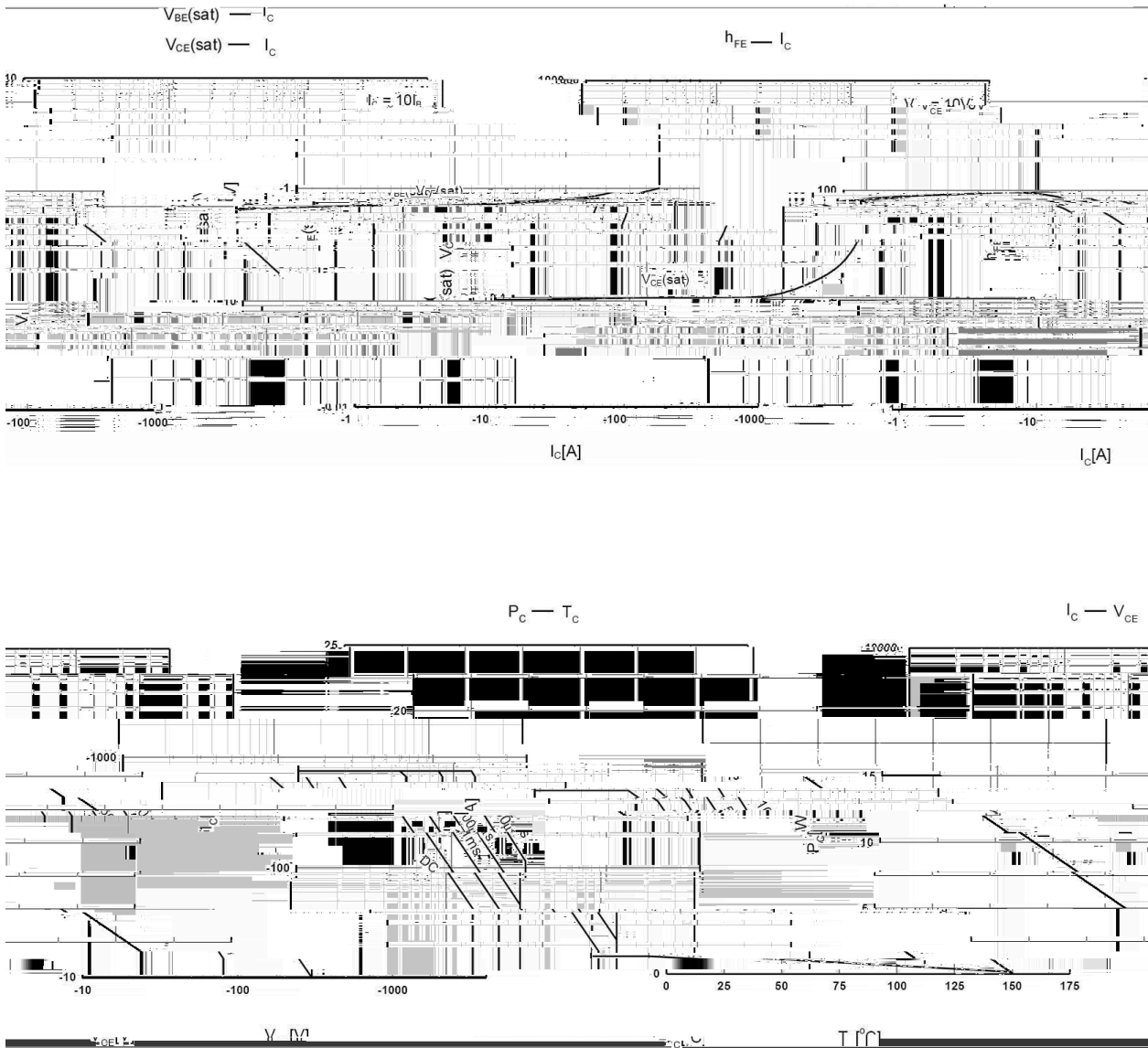
PIN1 y Base      PIN 2,4 y Collector      PIN 3 y Emitter

Z Ü B , M V / h<sub>FE</sub> Classifications & Marking

• - ~<sup>a</sup> ϕ ož  
See Marking Instructions.

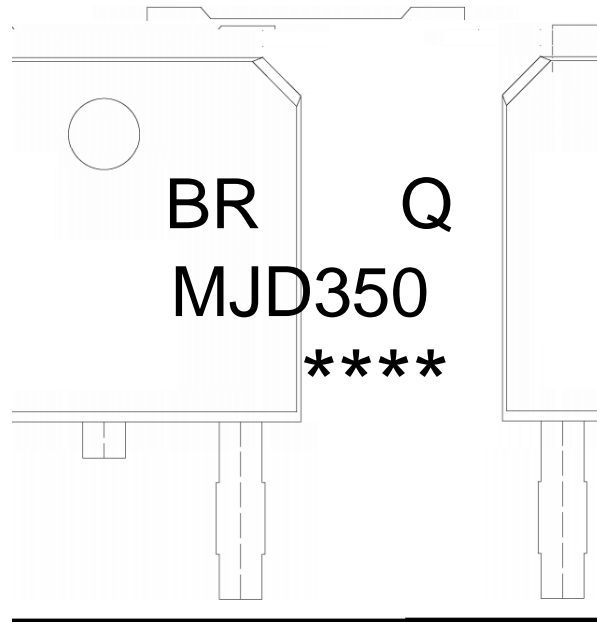
@ f Parameter	... Z Symbol	f › Rating	% y Unit
Collector to Base Voltage	V <sub>CBO</sub>	-300	V
Collector to Emitter Voltage	V <sub>CEO</sub>	-300	V
Emitter to Base Voltage	V <sub>EBO</sub>	-5	V
Collector Current - Continuous	I <sub>C</sub>	-500	mA
Collector Power Dissipation	P <sub>C</sub>	1.56	W
Collector Power Dissipation	P <sub>C</sub> (T <sub>C</sub> =25 )		

Electrical Characteristic Curve



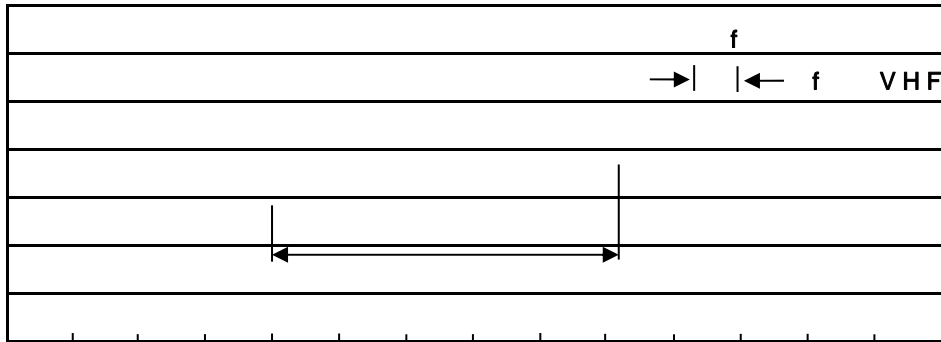


, M y f / Marking Instructions



- <sup>a</sup> ϕ y
- BR y                   , [ W A
- Q y                    V ñ —)í D } ö œ
- 3 0 \*   y            D } ° Z
- y            ÿ D Z W A k š Ÿ D Z J
- Note:
- BR:                   Company Code
- Q:                    Automobile halogen-free product Code
- MJD350:            Product Type
- \*\*\*\*:                Lot No. Code, code change with Lot No

šWD t...•Žç (x/ ) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6



<sup>a</sup>çy

Note:

- 1. Preheating: 150~200 - , Time: 60~120sec;
- 2. Peak Temp.: 255 r5 - , Duration: 5 r0.5sec;
- 3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ~ » ] / Resistance to Soldering Heat Test Conditions

“†y 260 r5 - ž•y 10 r1 sec. Temp.: 260±5 Time: 10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type 7>û ~ E	Units ;>û iH					Dimension ;>û p . (unit Åmm <sup>3</sup> )		
	Units/Reel / - -	Reels/Inner Box - - / -	Units/Inner Box / -	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box	Outer Boxç
TO-252	2,500	2	5,000	6	30,000	13 s x16	360x360x50	380x335x366

ì' x / TUBE

Package Type 7>û ~ E	Units ;>û iH					Dimension ;>û p . (unit Åmm <sup>3</sup> )		
	Units/Tube /•1x	Tubes/Inner Box •1x / -	Units/Inner Box / -	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Tube•1x	Inner Box	Outer Boxç
TO-251/252	75	48	3,600	5	18,000	526x20.5x5.25	555x164x50	575x290x180

„Đ y f / Notices