

# 2SD1710A

Rev. H Oct.-2018

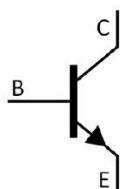
TO-220

NPN

Silicon NPN transistor in a TO-220 Plastic Package.

High voltage high speed switching.

Use in horizontal deflection circuits of color TV.



PIN1 Base

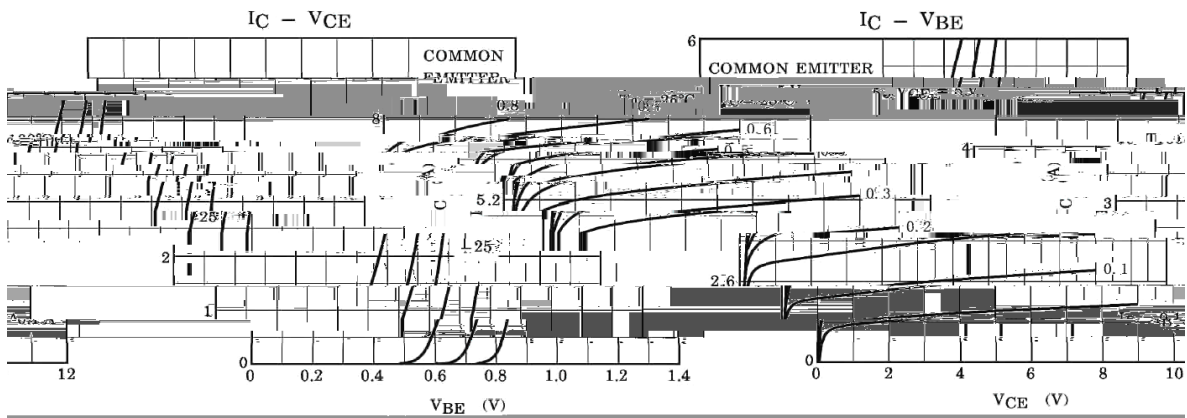
PIN 2 Collector

PIN 3 Emitter

/  $h_{FE}$

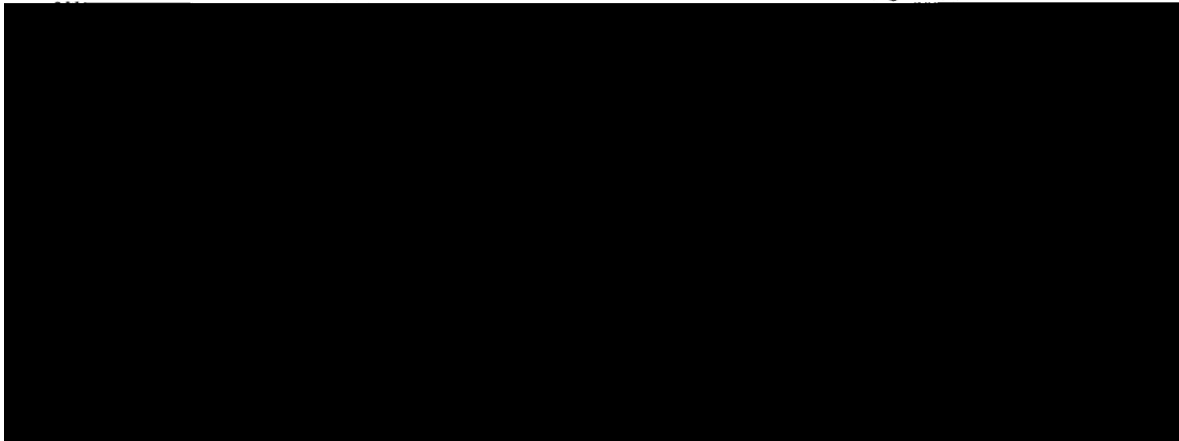
Parameter	Symbol	$f$ $\gamma$
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/ Electrical Characteristic Curve



$h_{FE} - I_C$

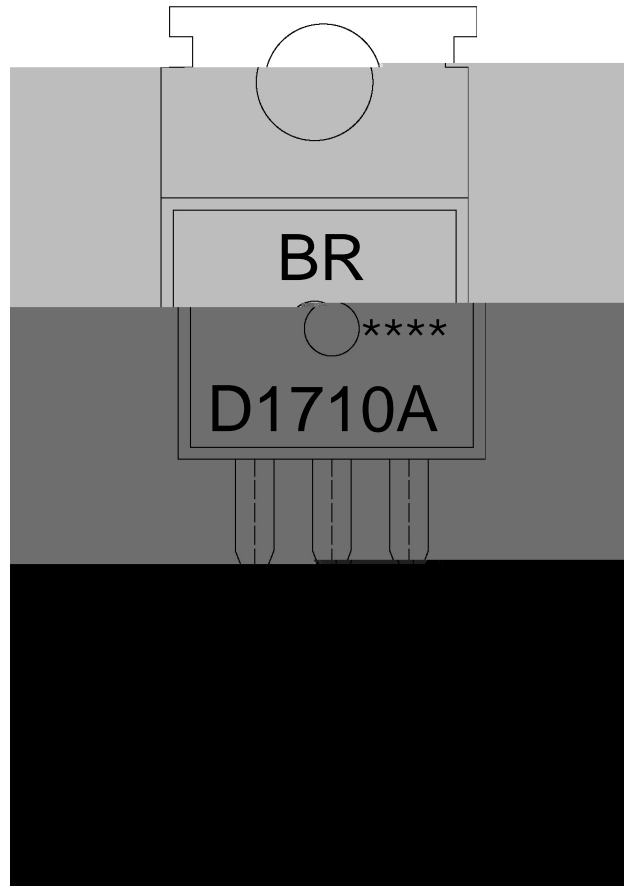
$P_C - T_c$



/ Package Dimensions



**/ Marking Instructions**



BR

D1710A

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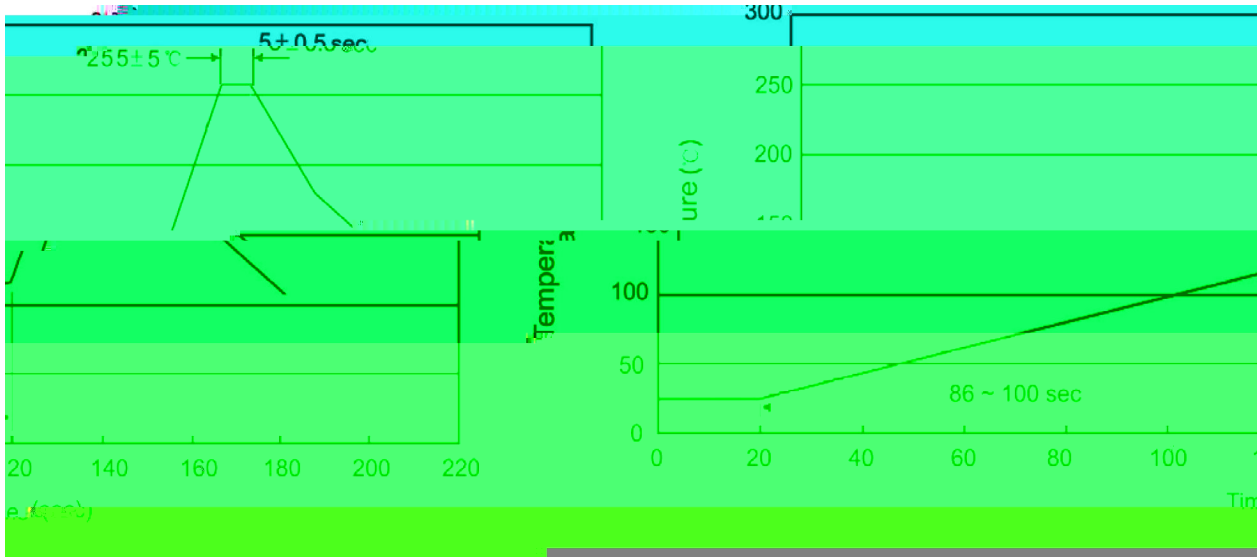
Note:

BR: Company Code

D1710A: Product Type.

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

( ) / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- |   |       |     |           |          |   |
|---|-------|-----|-----------|----------|---|
| 1 | 25    | 150 | 60        | 90sec;   | 1.Preheating:25~150 , Time:60~90sec.    |
| 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.            |

/ Resistance to Soldering Heat Test Conditions

$270 \pm 5$                        $10 \pm 1 \text{ sec.}$                       Temp.: $270 \pm 5$                       Time: $10 \pm 1 \text{ sec}$

/ Packaging SPEC.

/ BULK

Package Type	Units		Dimension	(unit mm <sup>3</sup> )
	Units/Bag	Bags/Inner Box		
	/	/		