

2SD1710A

Rev. H Oct.-2018

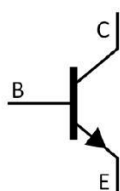
TO-220

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

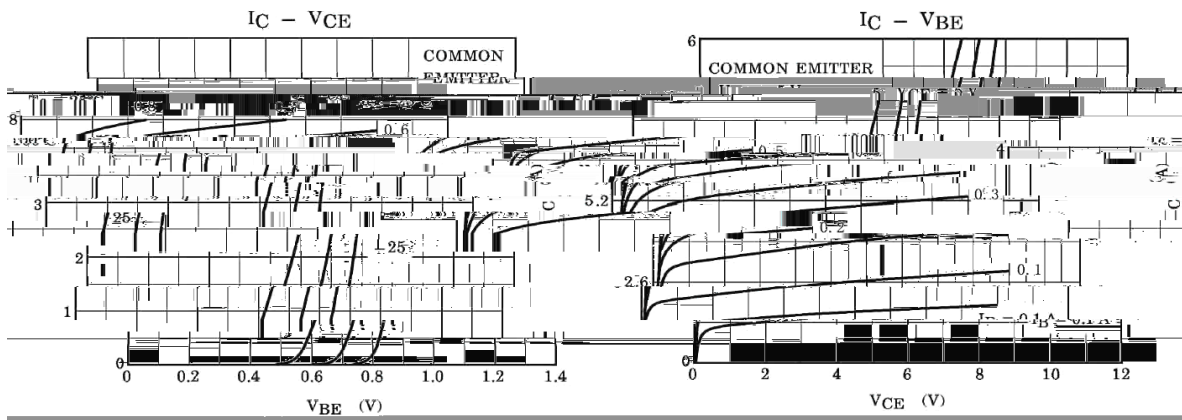
PIN 2 Collector

PIN 3 Emitter

/ h_{FE}

Parameter	Symbol	f γ
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/ Electrical Characteristic Curve



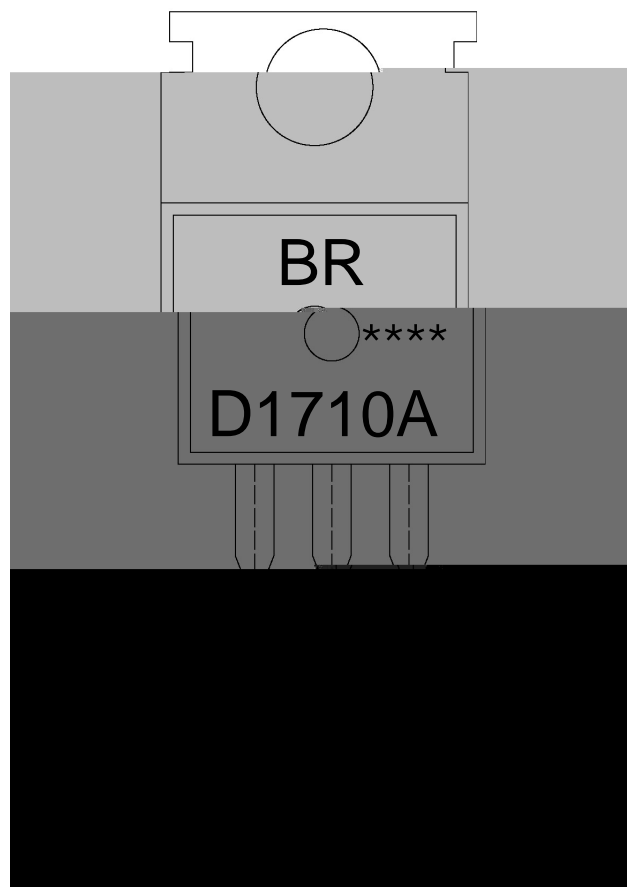
$h_{FE} - I_C$

$P_C - T_c$

/ Package Dimensions



/ Marking Instructions



BR

D1710A

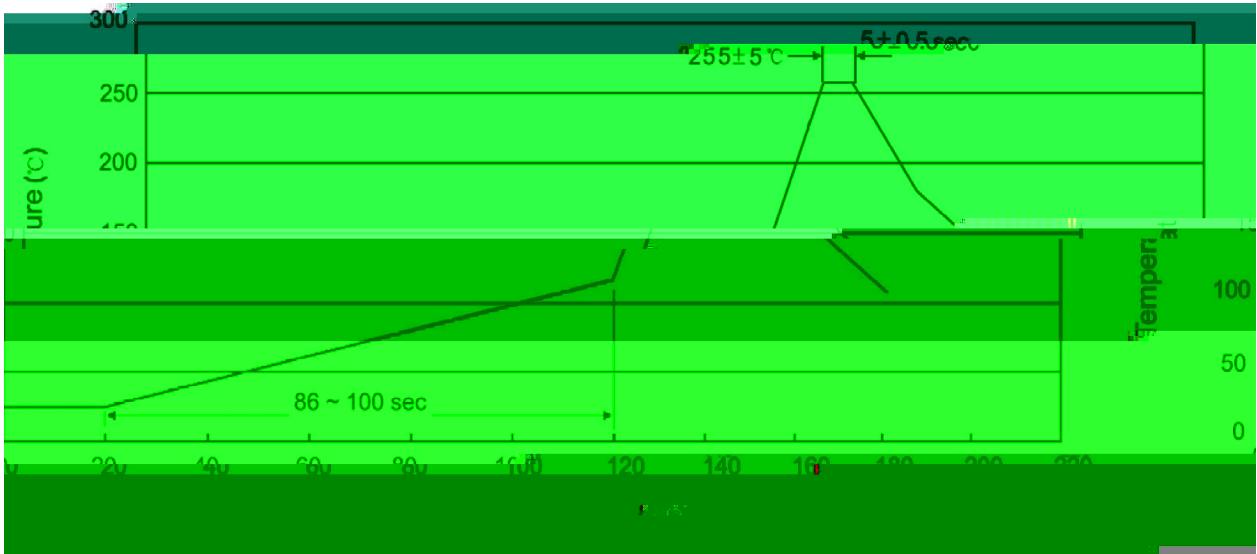
Note:

BR: Company Code

D1710A: Product Type.

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

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



- | | | | | | | |
|---|-------|-----|-------|----------|-------|---|
| 1 | 25 | 150 | 60 | 90sec; | Note: | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255±5 | | 5±0.5 | sec; | | 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±5 10±1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

/ BULK

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