

**/ Descriptions**

TO-220F          PNP          Silicon PNP transistor in a TO-220F Plastic Package.

**/ Features**

2SC2073A  
Complementary to 2SC2073A.

**/ Applications**

Power amplifier applications, vertical output applications.

**/ Equivalent Circuit**



**/ Pinning**



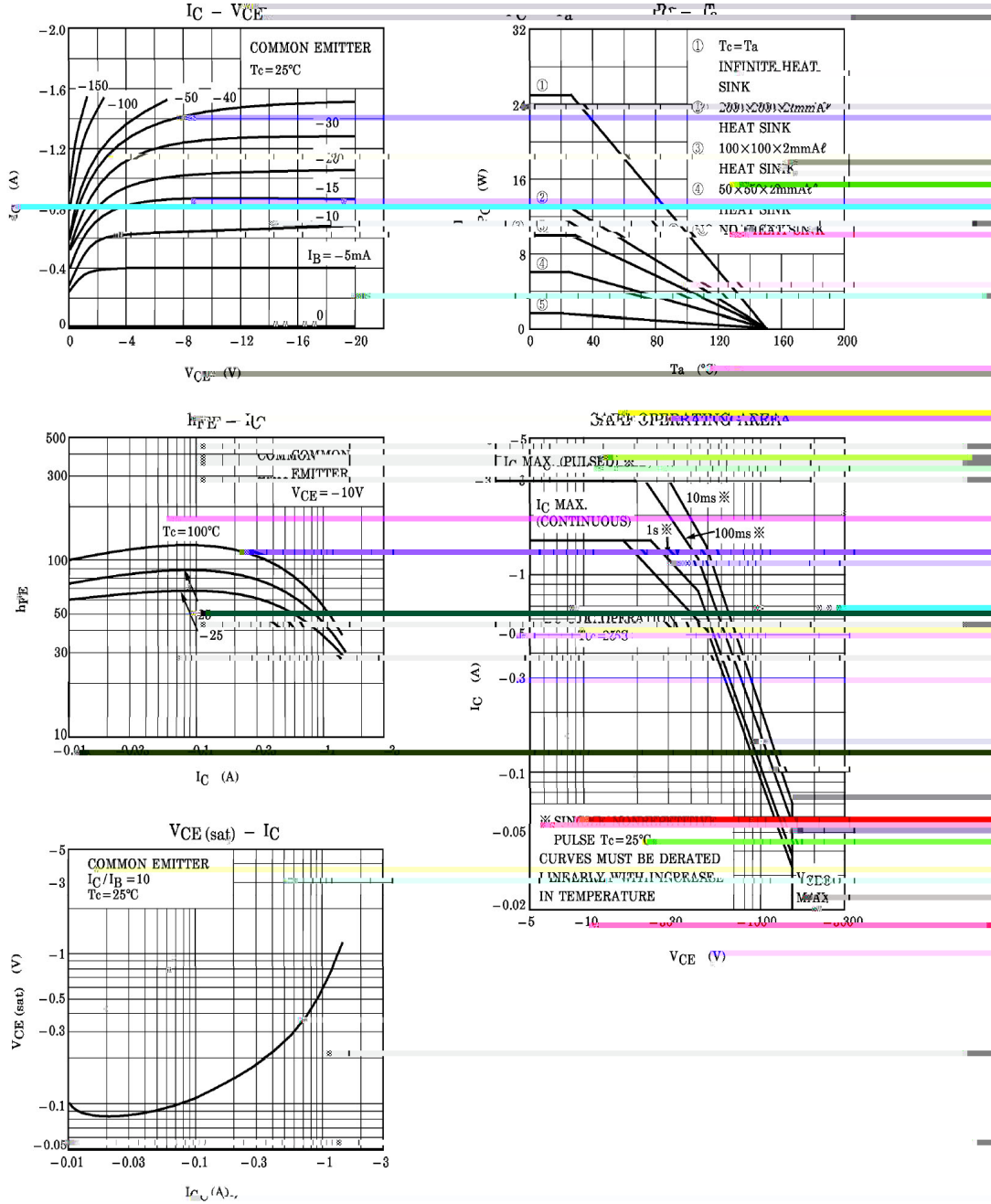
PIN1 Base          PIN 2 Collector          PIN 3 Emitter

**/  $h_{FE}$  Classifications & Marking**

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	-150	V
Collector to Emitter Voltage	$V_{CEO}$	-150	V
Emitter to Base Voltage	$V_{EBO}$	-5.0	V
Collector Current - Continuous	$I_C$	-1.5	A
Base Current	$I_B$	-0.5	A
Collector Power Dissipation	$P_C$	2.0	W

/ Electrical Characteristic Curve

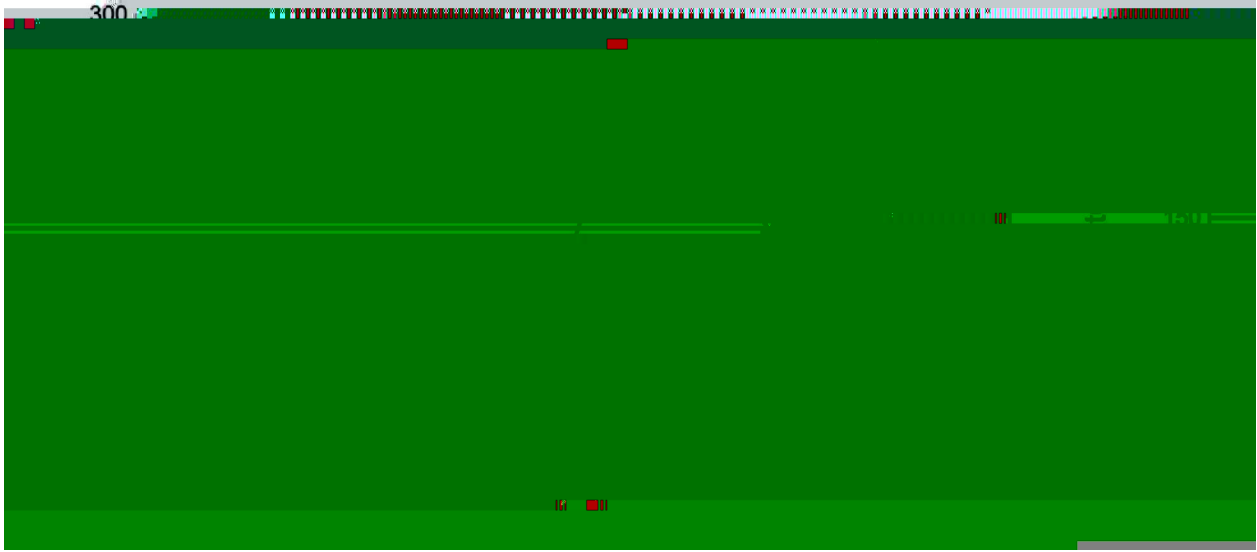


/ Package Dimensions





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



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

**/ Packaging SPEC.**

/ BULK

Package Type 封装形式	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units 包装数量 Units/Inner Box 只/盒 In	Dimension 包装尺寸 (unit: mm <sup>3</sup> )
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