

**/ Descriptions**

TO-3P          NPN          Silicon NPN transistor in a TO-3P Plastic Package.

**/ Features**

High breakdown voltage, high speed, wide SOA.

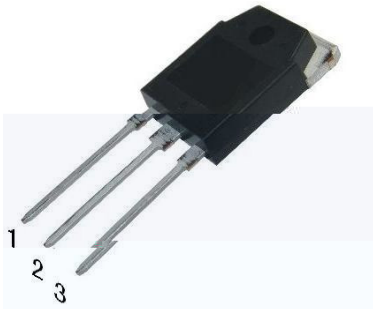
**/ Applications**

CRT  
Horizontal deflection output for TV and CRT monitor.

**/ Equivalent Circuit**



**/ Pinning**



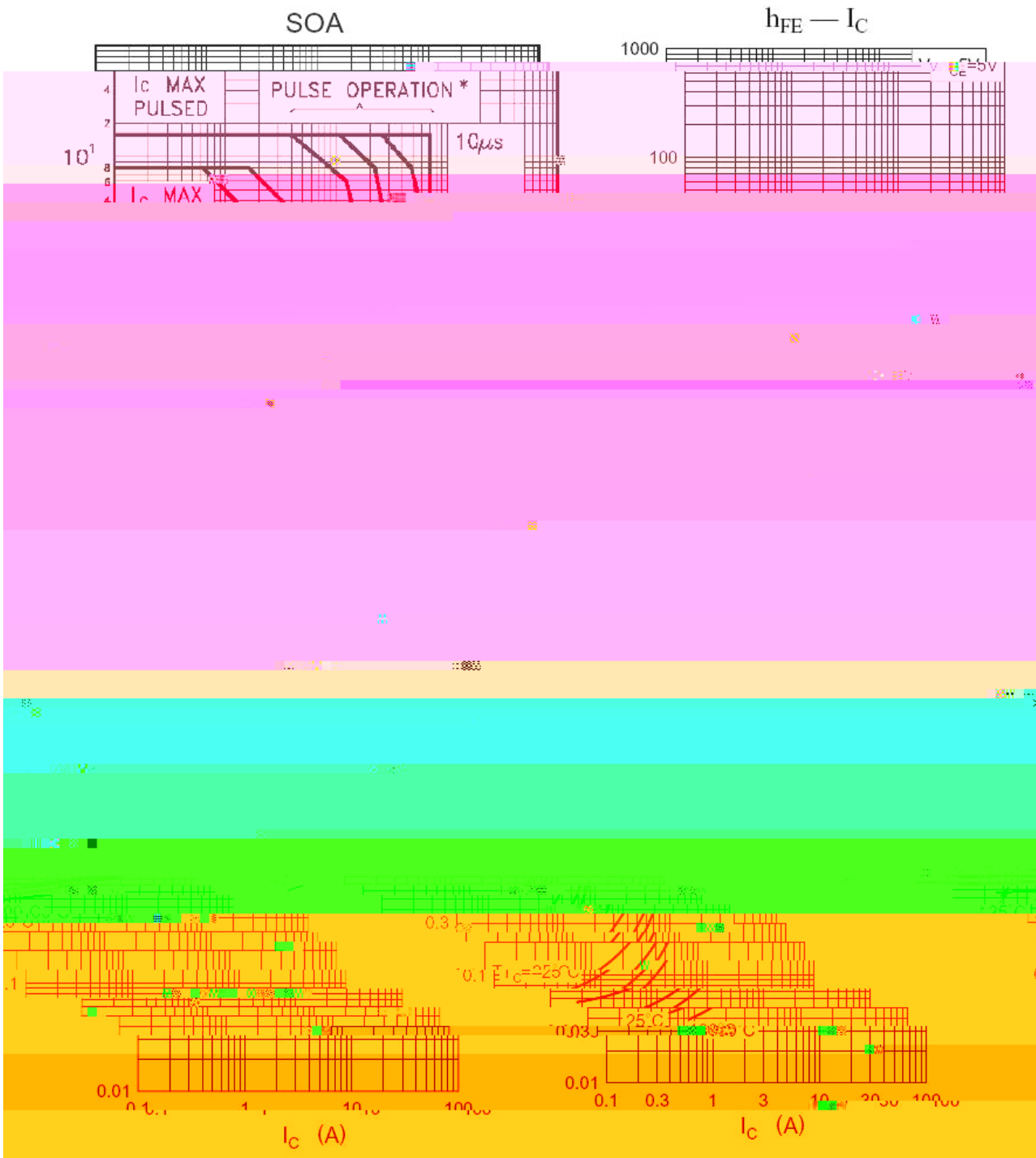
PIN1   Base          PIN 2   Collector          PIN 3   Emitter

**/ h<sub>FE</sub> Classifications & Marking**

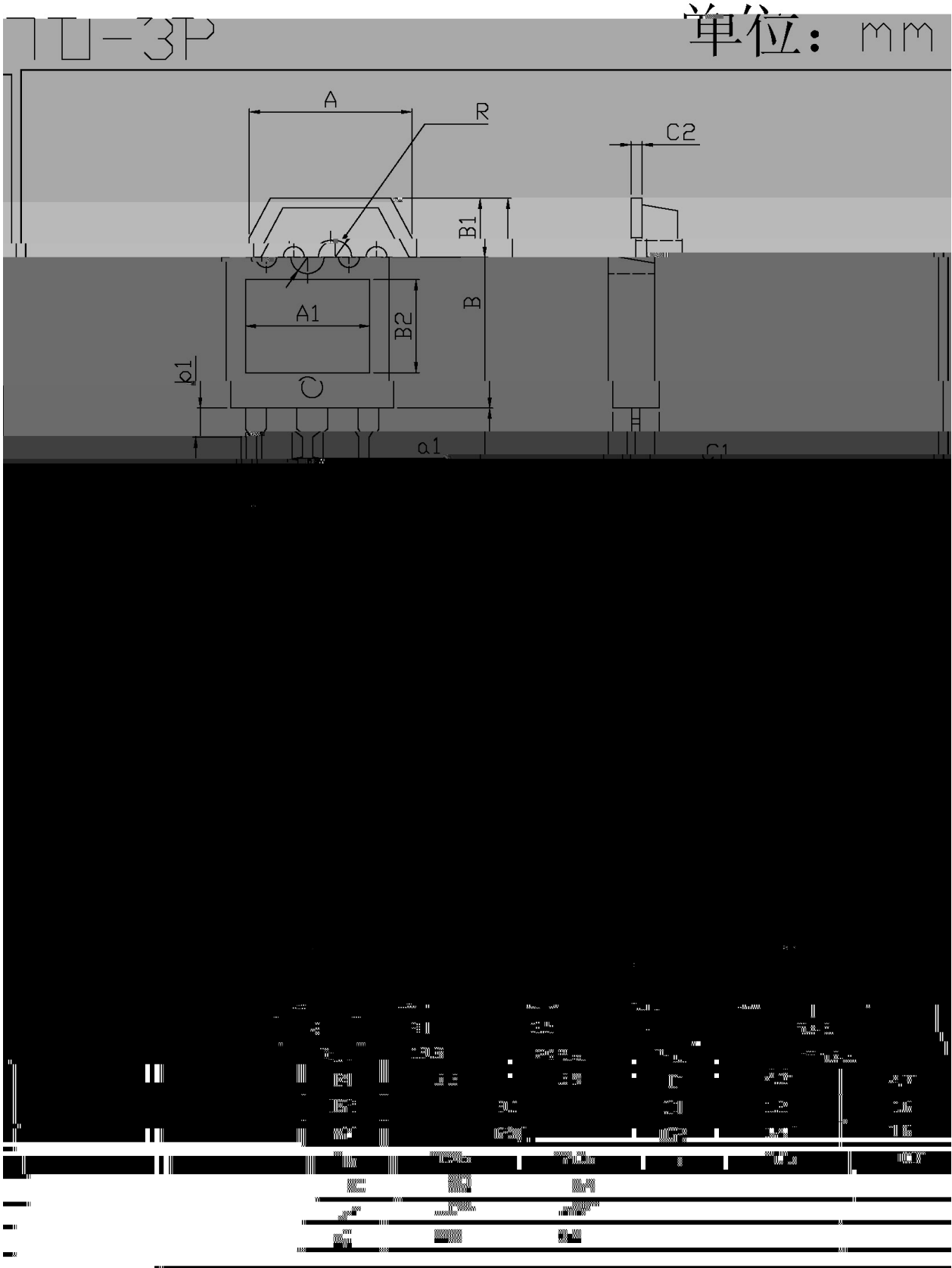
See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	1500	V
Collector to Emitter Voltage	$V_{CES}$	1500	V
Collector to Emitter Voltage	$V_{CEO}$	800	V
Emitter to Base Voltage	$V_{EBO}$	6	V
Collector Current - Continuous	$I_C$	20	A
Peak Collector Current	$I_{CP}$	30	A
Base Current	$P_C$	3	W
Collector Power Dissipation	$P_{C(TC=25)}$		

/ Electrical Characteristic Curve



/ Package Dimensions



**2SC5244**  
Rev.D Mar.-2016

**DATA SHEET**

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