2SC5244

Rev.D Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

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

/ Features

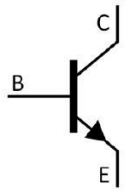
High breakdown voltage, high speed, wide SOA.

/ Applications

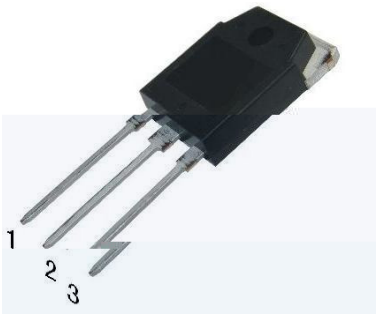
CRT

Horizontal deflection output for TV and CRT monitor.

/ Equivalent Circuit



/ Pinning



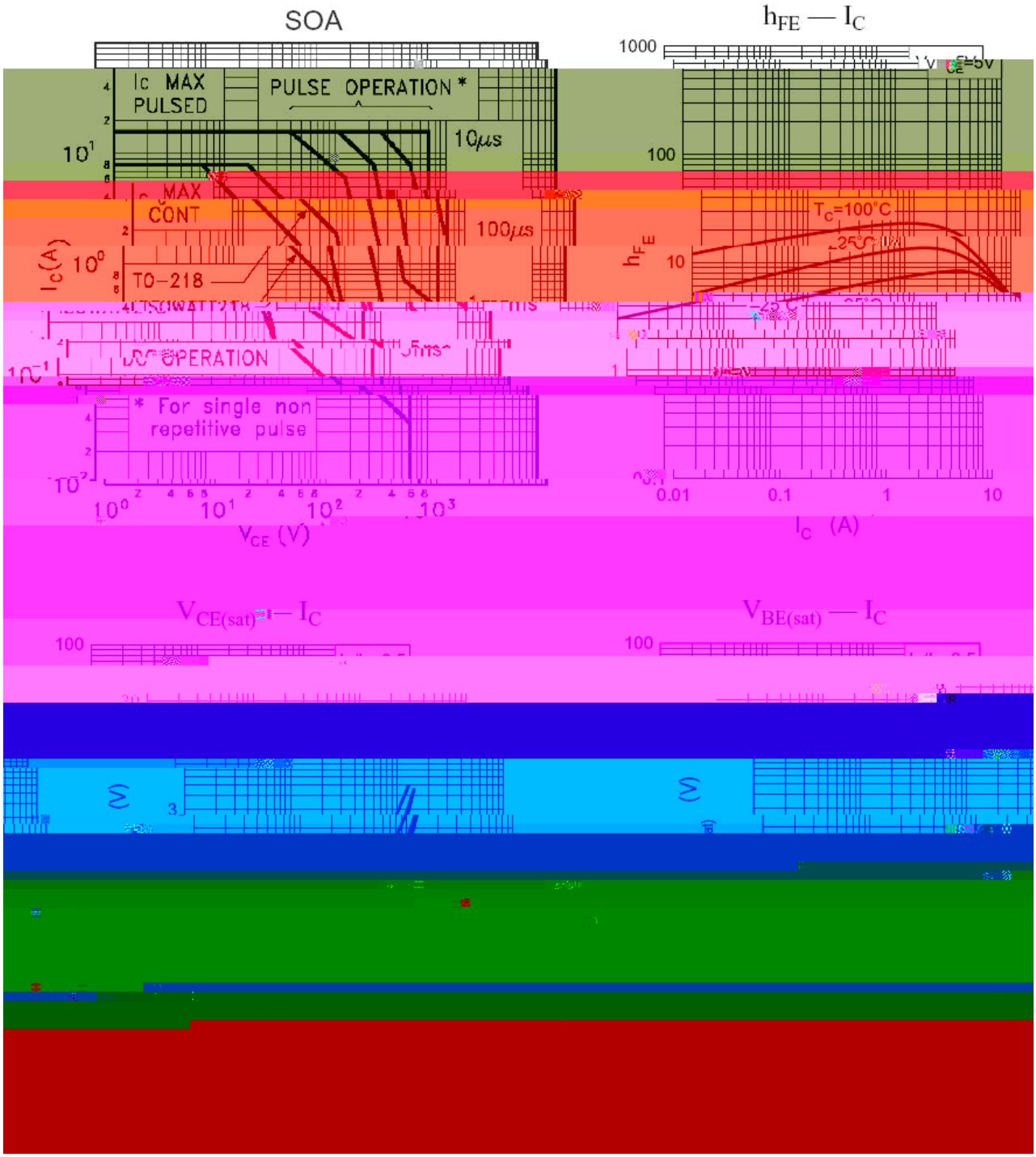
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

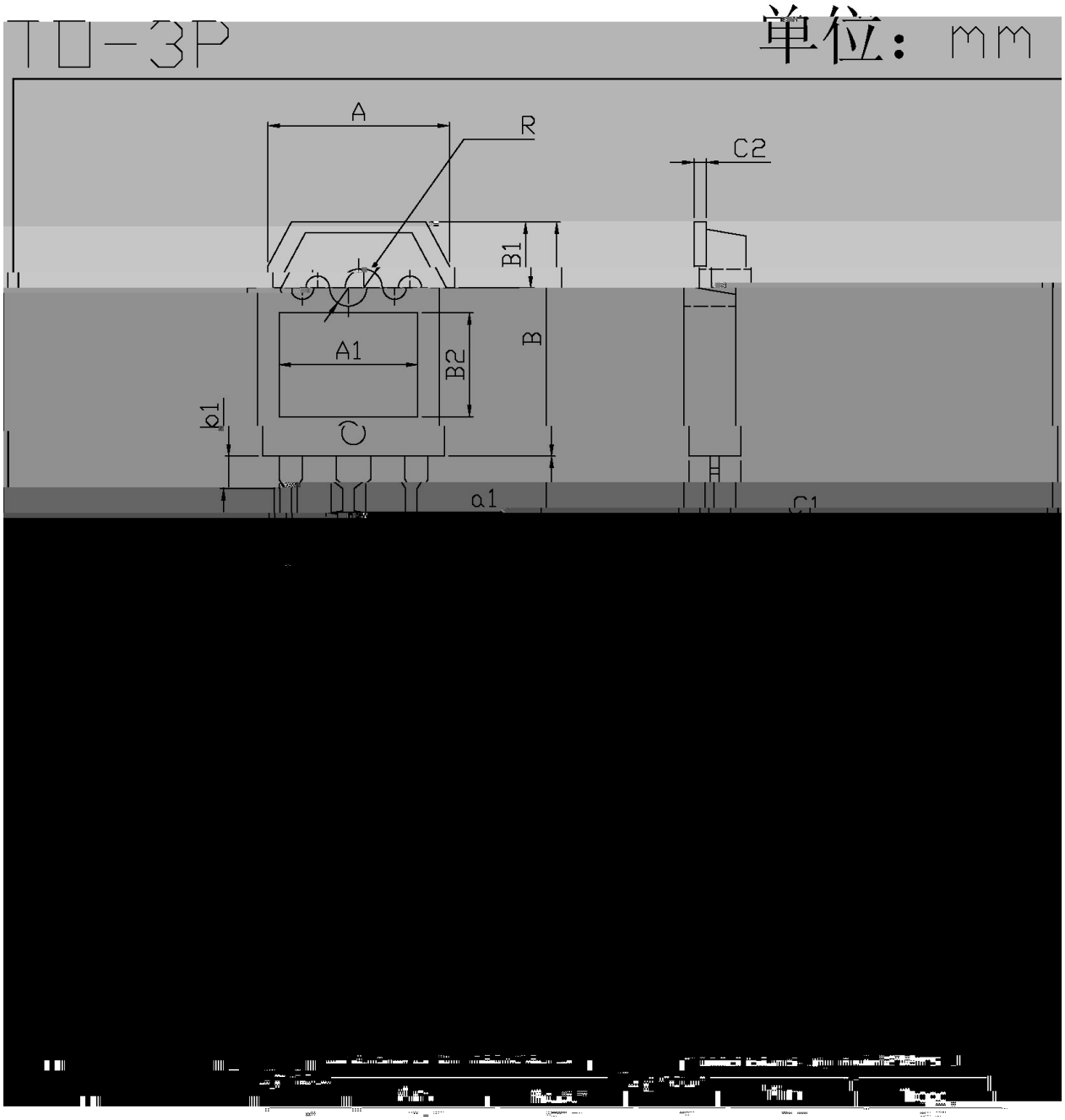
See Marking Instructions.

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



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