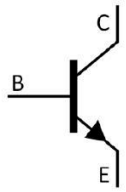
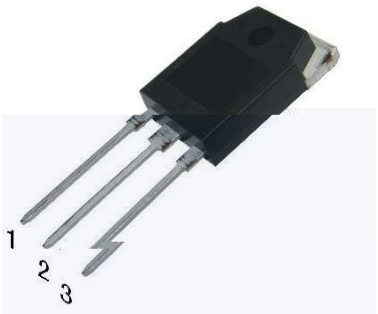
TO-3P NPN Silicon NPN transistor in a TO-3P Plastic Package.

High breakdown voltage, high speed, wide SOA.

CRT

Horizontal deflection output for TV and CRT monitor.

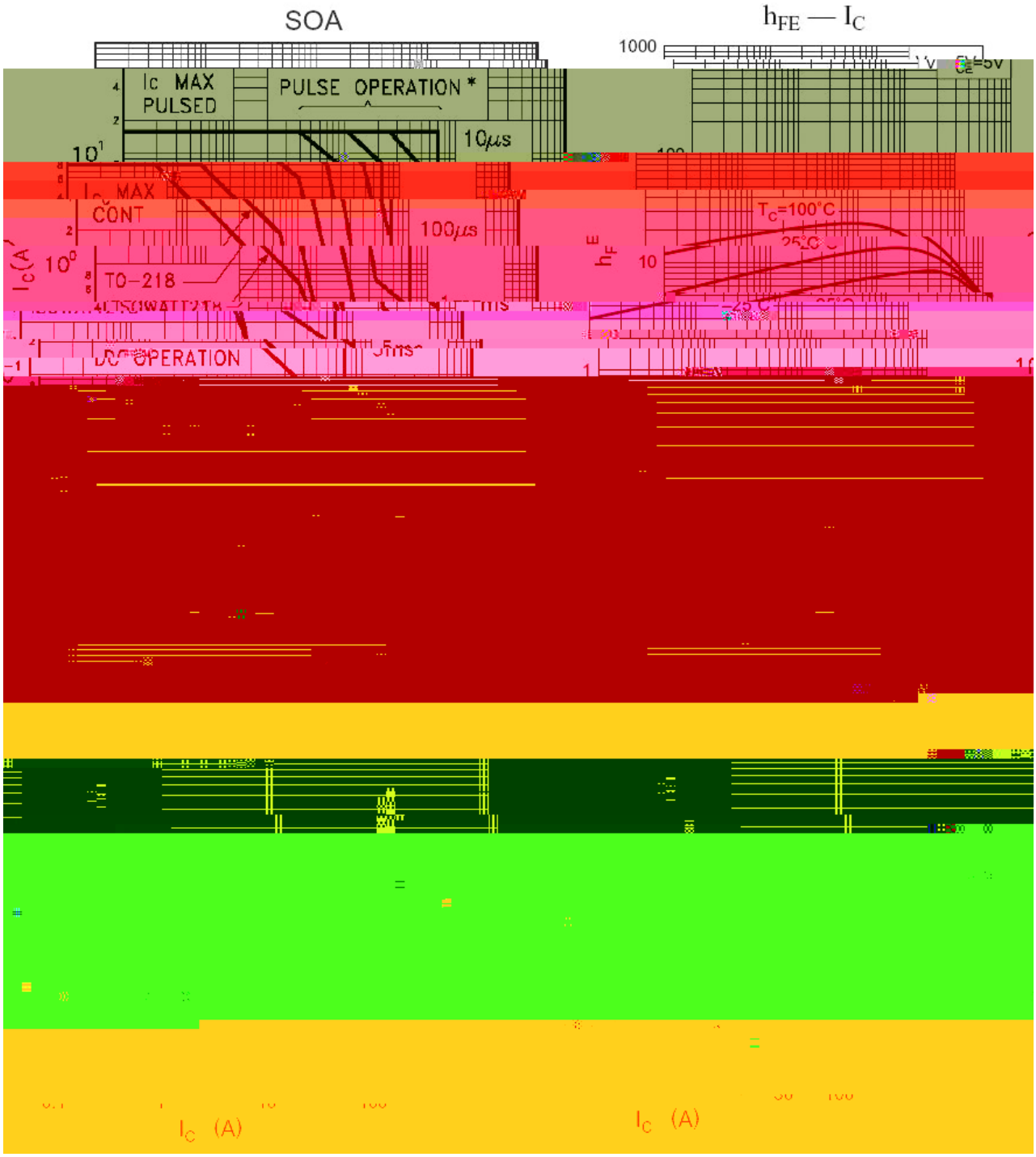


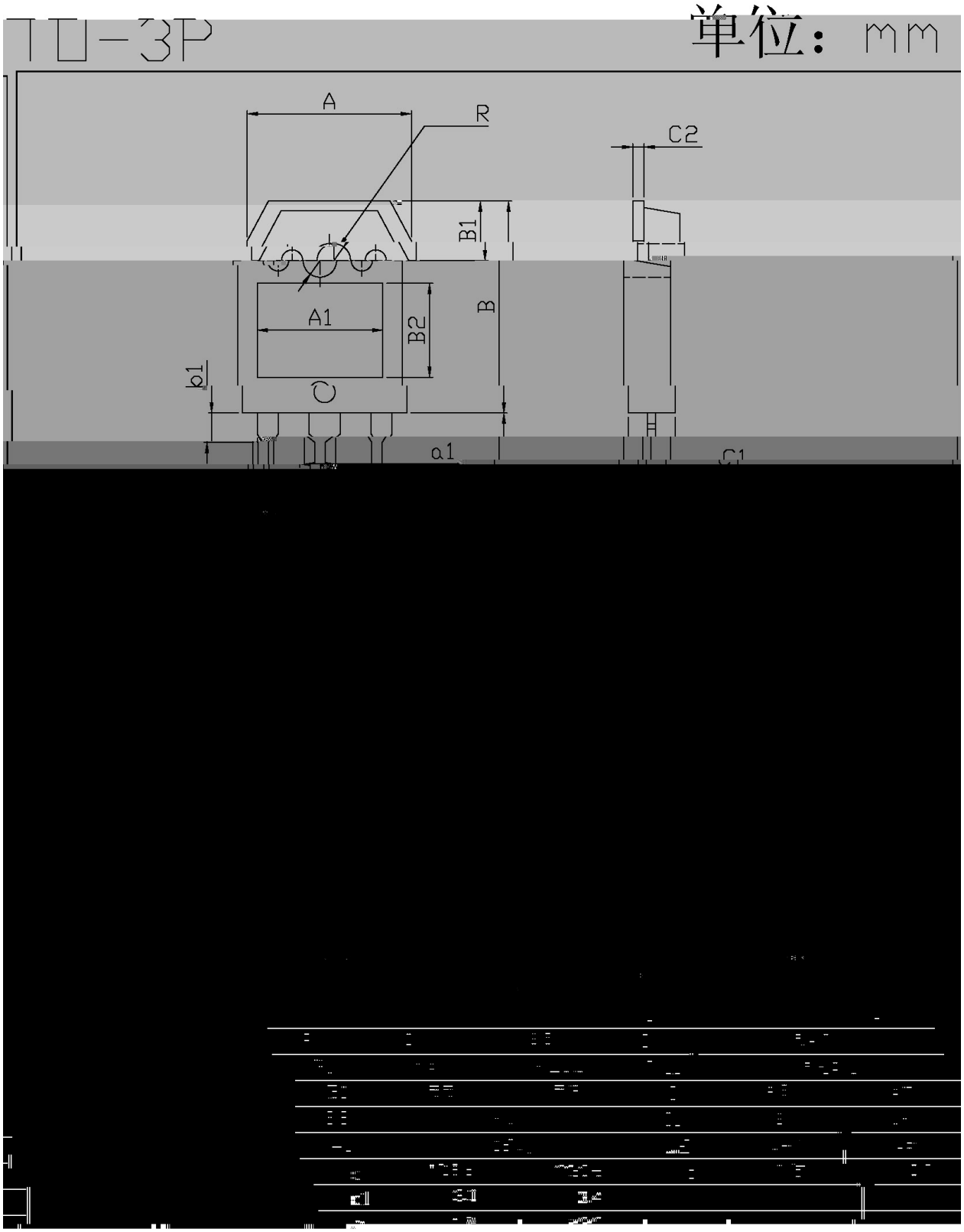




PIN1 Base PIN 2 Collector PIN 3 Emitter

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 | $P_{C(TC=25\ )}$ | | |


SOA
IC MAX PULSED
PULSE OPERATION *
10μs
IC MAX CONT
100μs
TO-218
DC OPERATION
IC (A)
hFE — IC
1000
VCE=5V
TC=100°C
25°C
-25°C
hFE
10
IC (A)


TO-3P
单位：mm
A
R
C2
B1
B
A1
B2
b1
C
a1
C1

Rev.D Mar.-2016