## "Yَّ

Silicon PNP transistor in a SOT-23 Plastic Package.

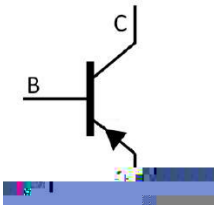
## ◕ È

Complements the MMBTA06.

## ❦ ِ

General purpose amplifier.

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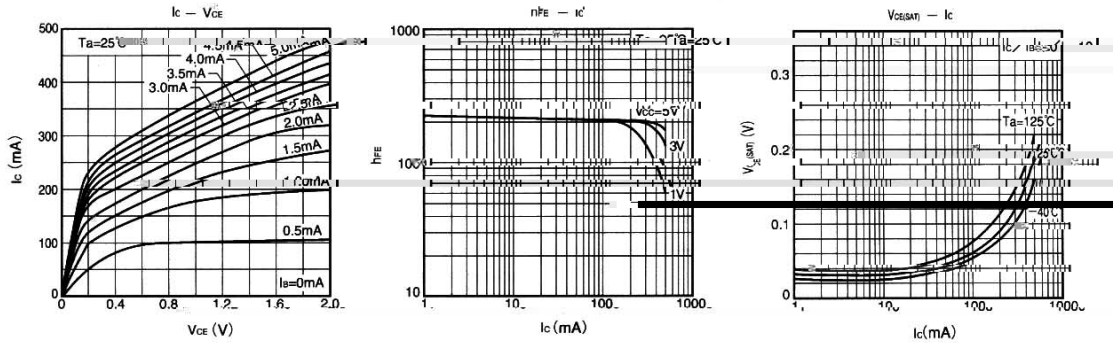
PIN1 Base PIN 2 Emitter PIN 3 Collector

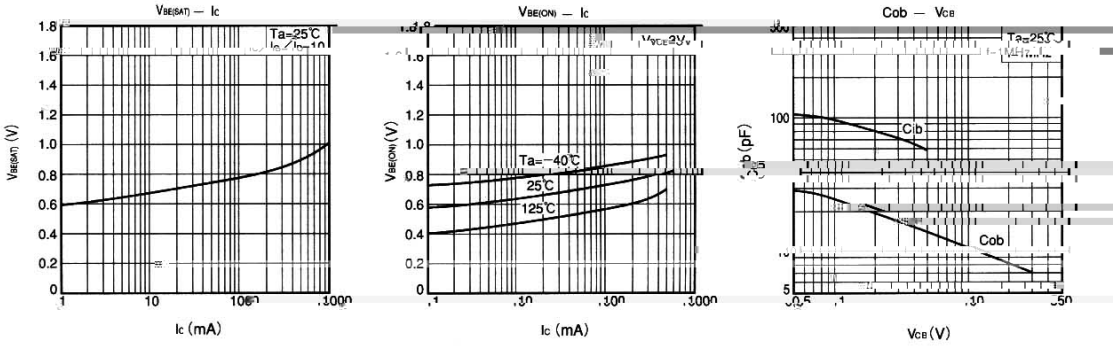
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| | |
|---|---|
| $h_{FE}$ Range | >100 |
| Marking | HR2G |

| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Collector to Base Voltage | $V_{CBO}$ | -80 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | -80 | V |
| Emitter to Base Voltage | V | | |

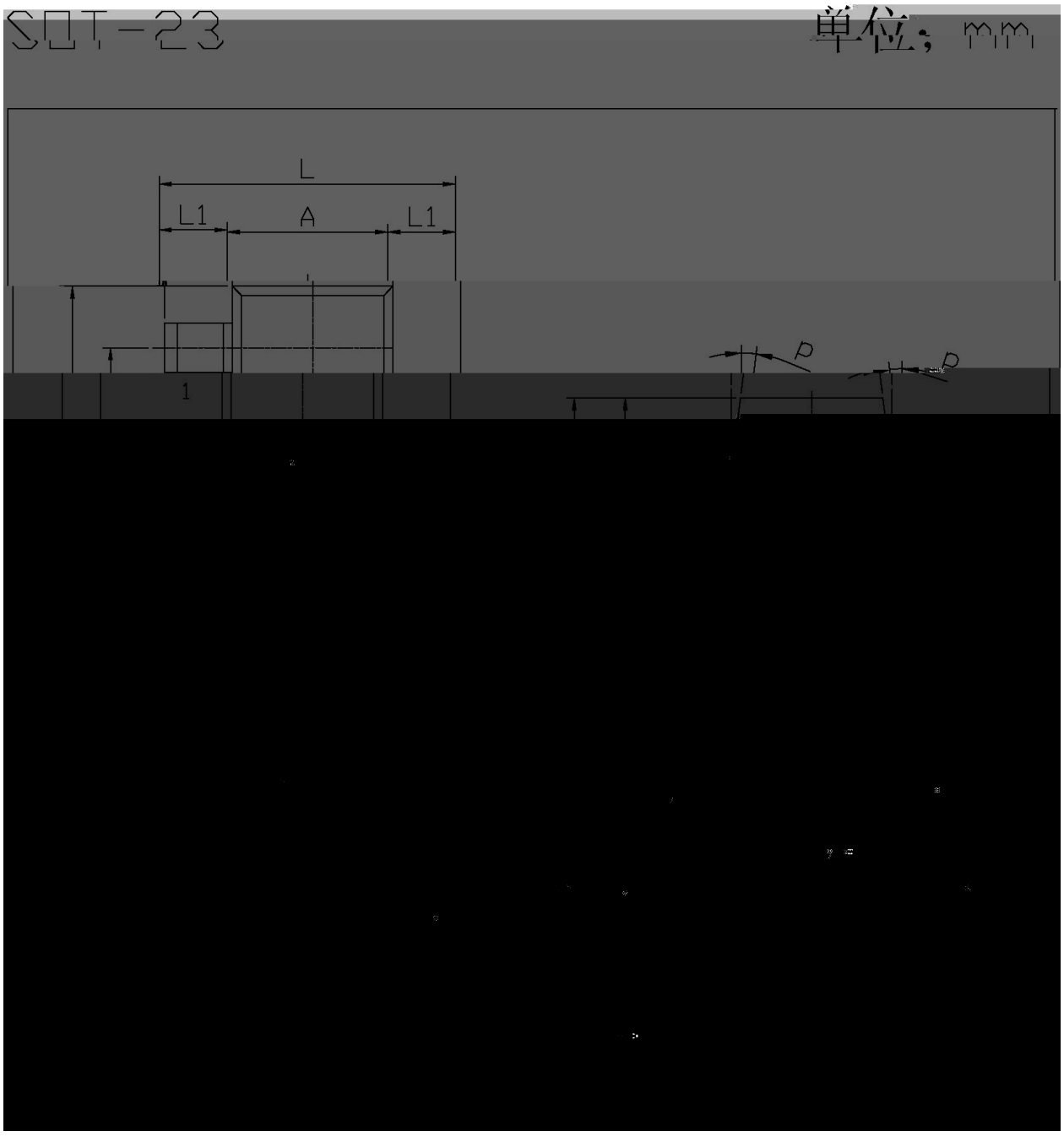
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Ic — VCE
Ta=25℃
4.0mA
3.5mA
3.0mA
2.5mA
2.0mA
1.5mA
1.0mA
0.5mA
IB=0mA
Ic (mA)
VCE (V)
hFE — Ic
VCC=5V
3V
1V
Ta=125℃
25℃
-40℃
hFE
Ic (mA)
VCE(SAT) — Ic
IC / IB=20
Ta=125℃
25℃
-40℃
VCE(SAT) (V)
Ic(mA)

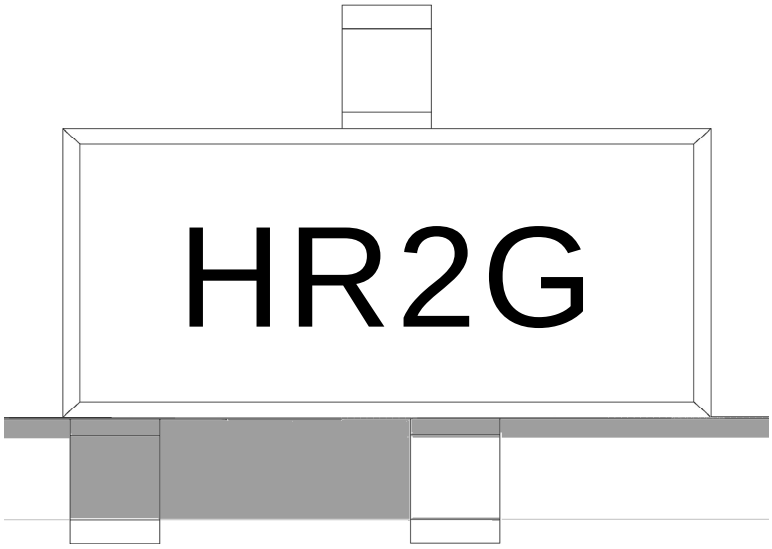

VBE(SAT) — Ic
Ta=25℃
IC / IB=10
VBE(SAT) (V)
Ic (mA)
VBE(ON) — Ic
VCE=2V
Ta=-40℃
25℃
125℃
VBE(ON) (V)
Ic (mA)
Cob — VCB
Ta=25℃
f=1MHz
Cib
Cob
Cob (pF)
VCB (V)


Ta=25℃
VCE=10V
CURRENT GAIN-BANDWIDTH PRODUCT (MHz)
Ic (mA)

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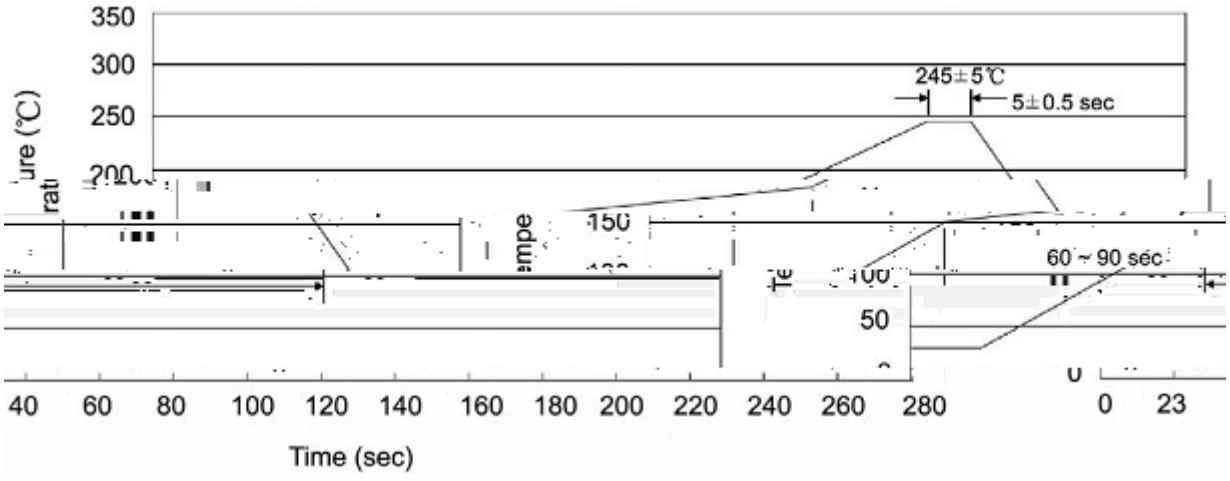
R2G

Note:

H: Company Code.

R2G: Product Type Code

## Wh p shudwxuh Suriloh iru LU Uhiorz Vroghulqj+Se0luhh,




| | | |
|---|---|---|
| | | Note: |
| 1 | 25 150 60 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 245 5 5 0.5sec; | 2.Peak Temp.:245 5 , Duration:5 0.5sec. |
| 3 | 2 10 /sec. | 3. Cooling Speed: 2~10 /sec. |

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