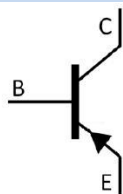


Silicon PNP transistor in a SOT-23 Plastic Package.

Low VCE(sat), low output capacitance, complementary pair with 2SC5343S.

General small signal amplifier applications.



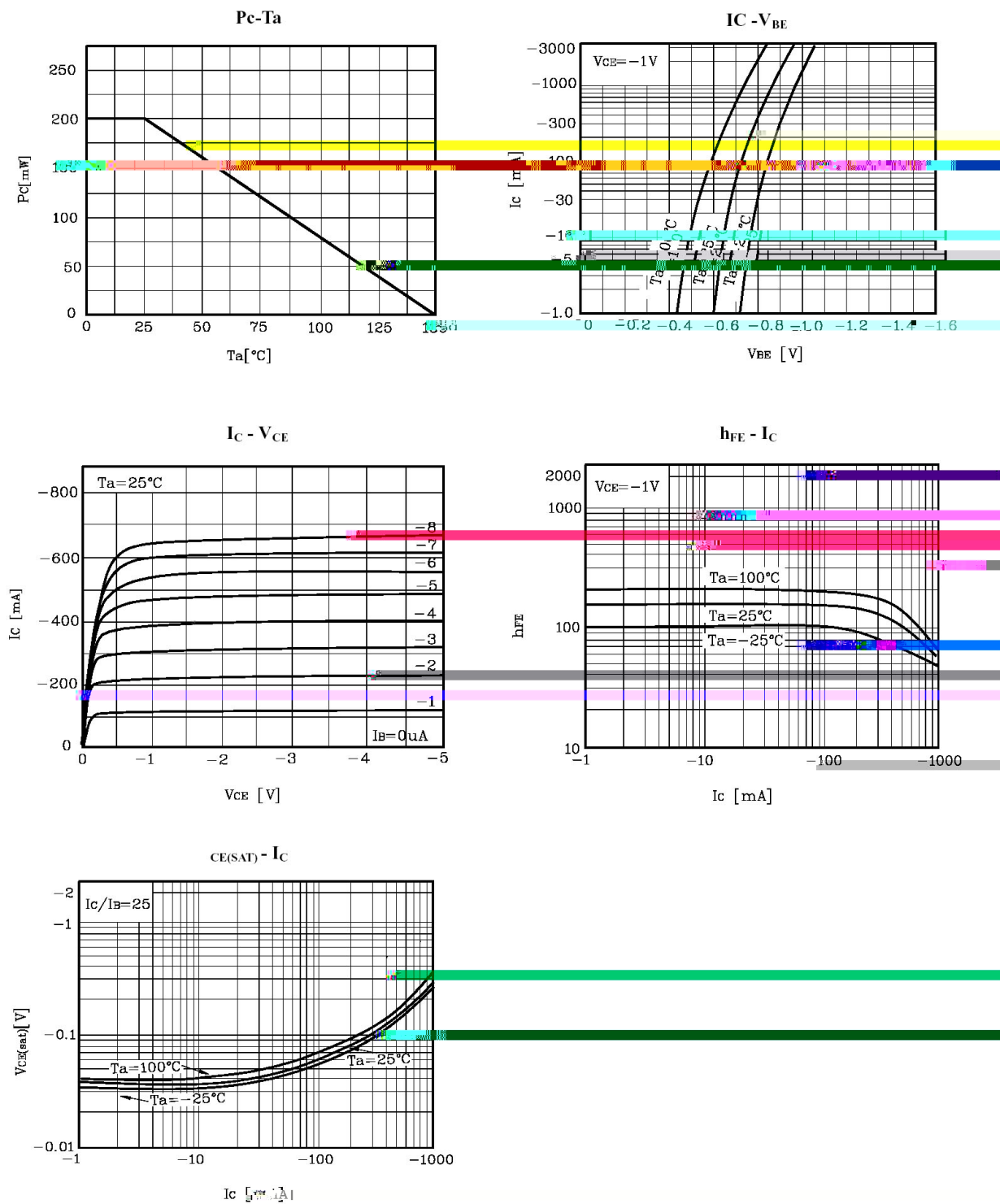
PIN1 Base PIN 2 Emitter PIN 3 Collector

h_{FE} Classifications Symbol	O	Y	G	L
h_{FE} Range	70 140	120 240	200 400	300 700
Marking	HCAO	HCAY	HCAG	HCAL

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-50	V
Collector to Emitter Voltage	V_{CEO}	-50	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current	I_C	-150	mA
Collector Power Dissipation	P_C	200	mW
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55 150	°C

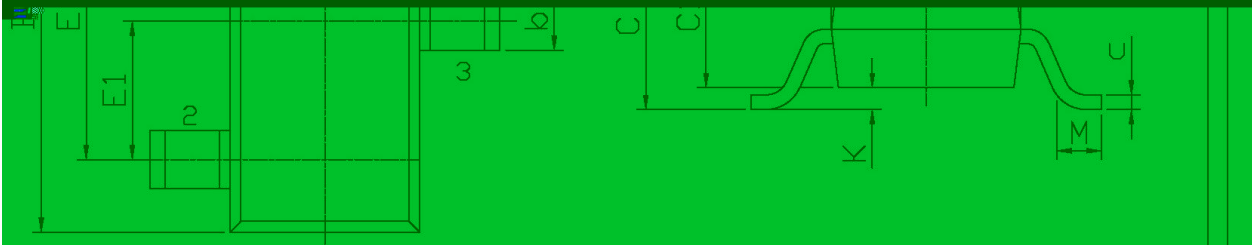
st /TT9 1 Tf7.8114 50.5771 -Ty.0131

Parameter Symbol Test Conditions

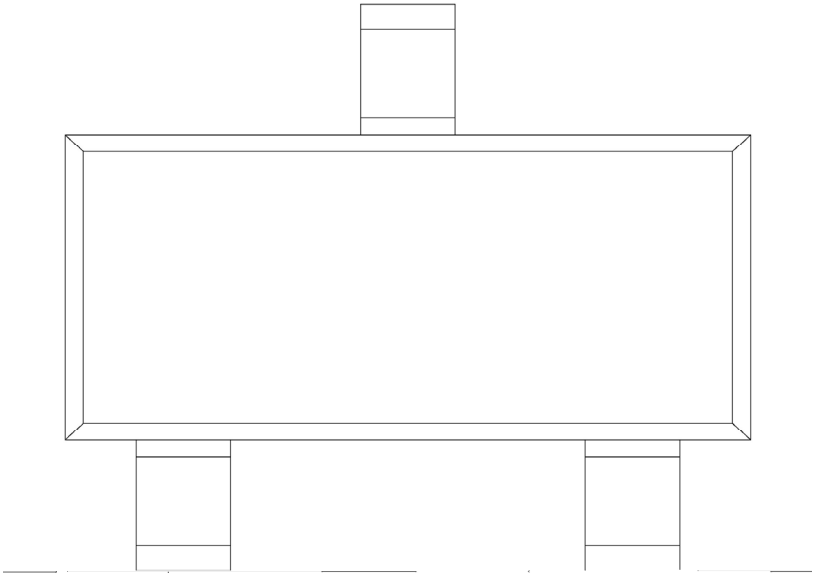


SOT-23

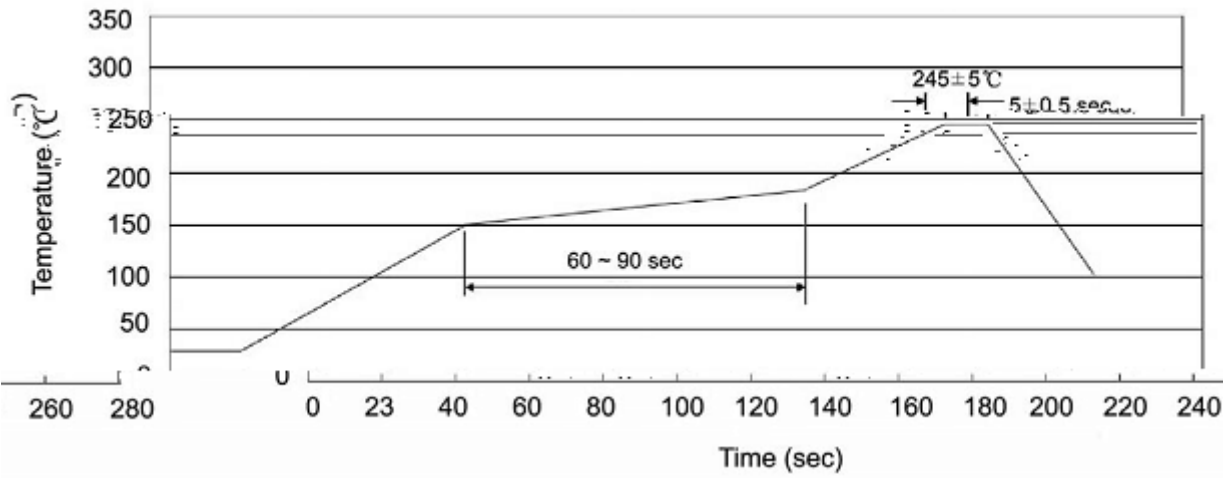
单位: mm



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
L	2.2	2.7	C	1.30Max	
L1	0.45	0.65	C1	0.53	0.78
A	1.15	1.50	c	0.05	0.20
B	2.70	3.40	K	0	0.10
E	1.70	2.10	M	0.20MIN	
E1	0.85	1.05	P	7°	
b	0.35	0.55			



Temperature Profile for IR Reflow Soldering(Pb-Free)



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. |

260 5	10 1 sec.	Temp.:260±5℃	Time:10±1 sec
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/ REEL

Units 包装数量	Dimension 包装尺寸 (unit: mm
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