

MMBT3904

Rev.G Nov.-2020



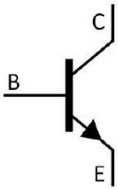
/ Descriptions

SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

/ F

Low current, Low voltage, HF Product.

General purpose amplifier and switching.

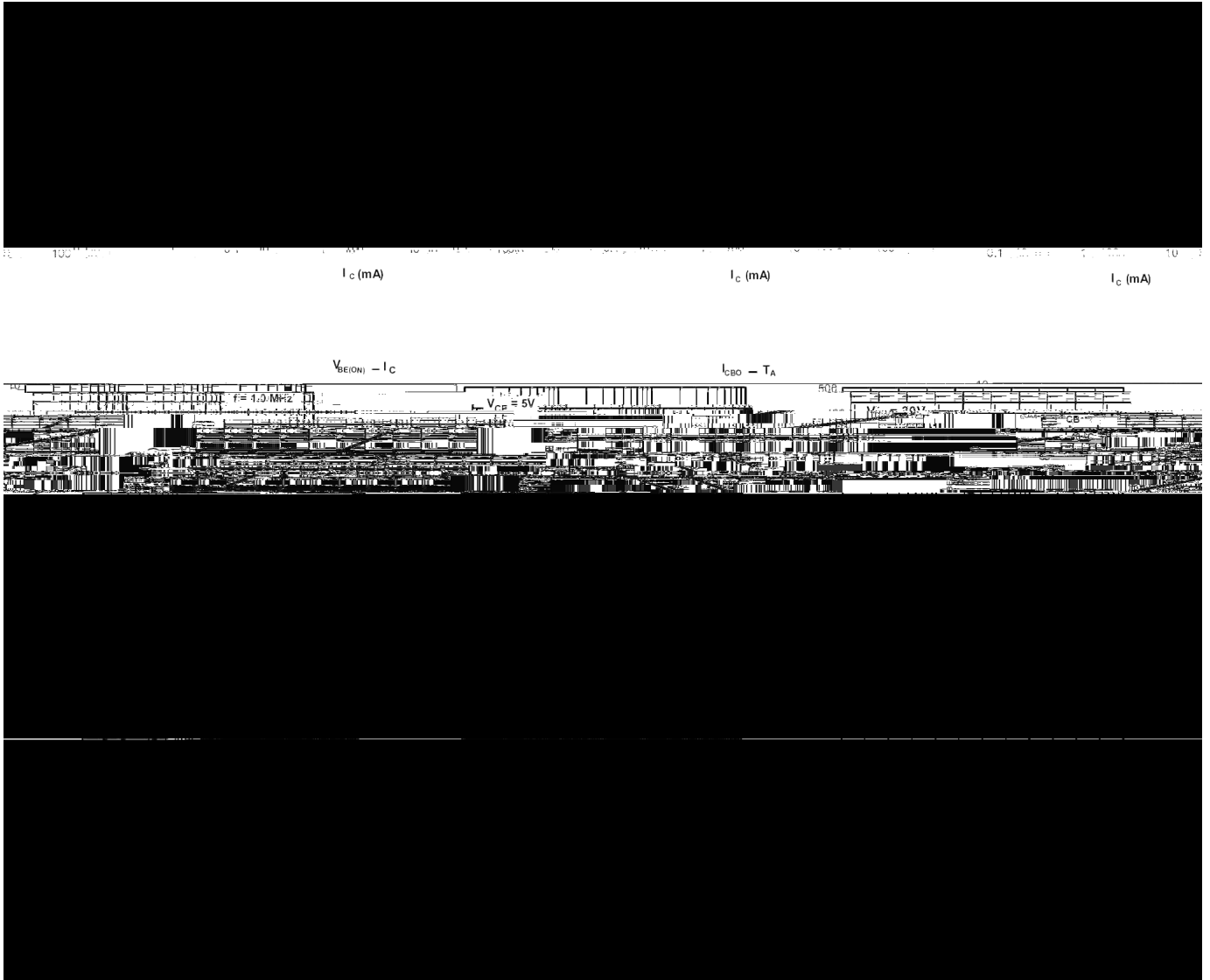


PIN 1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

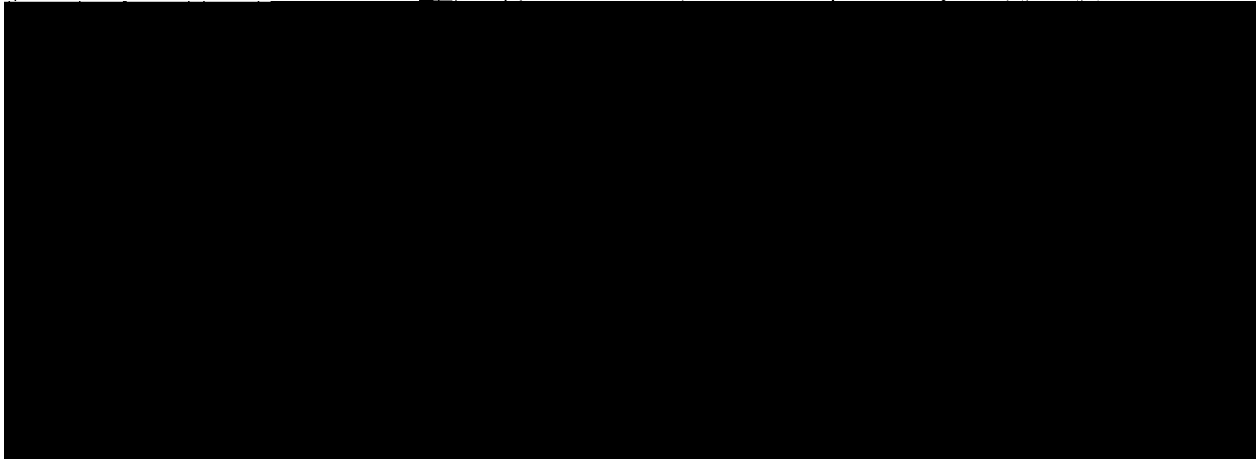
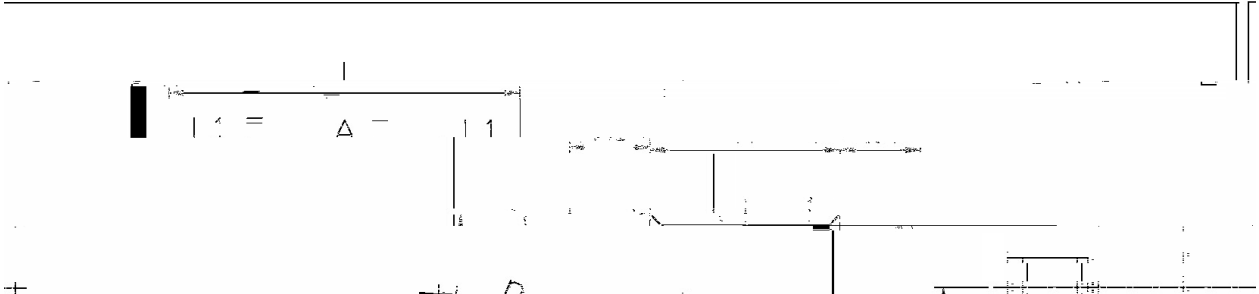
h_{FE} Range	100~300
Marking	• H1A

/ Electrical Characteristic Curve



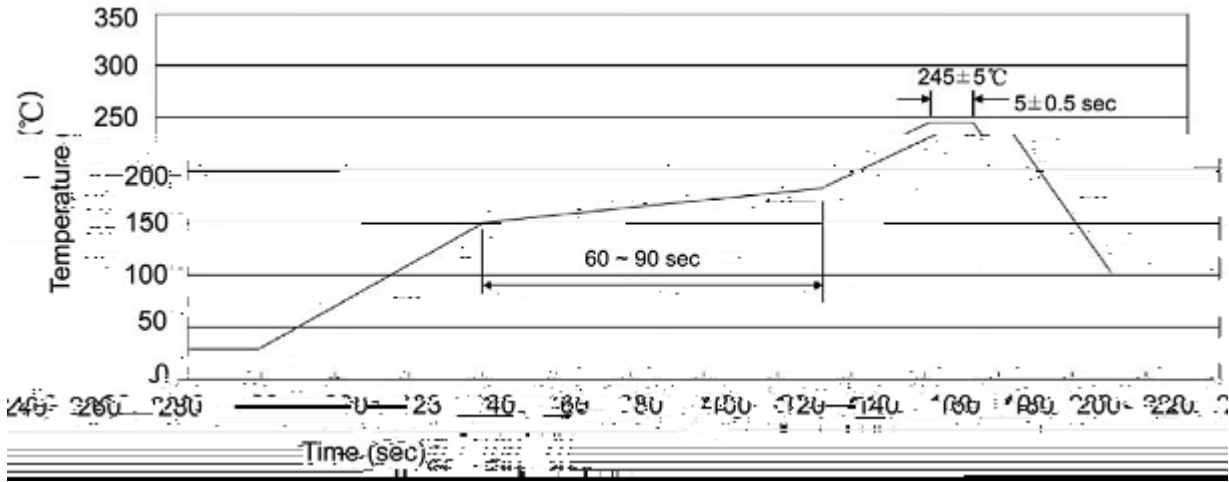
/ Package Dimensions

MMBT3904 三极管 9013 9014 9015 9018 9019 9013 9014 9015 9018 9019



Dimension	Symbol	Value	Unit
MAX. 1	1	0.45	mm
MAX. 2	2	0.65	mm
MAX. 3	3	0.90	mm
MAX. 4	4	0.05	mm
MAX. 5	5	0.05	mm
MAX. 6	6	0.05	mm
MAX. 7	7	0.05	mm
MAX. 8	8	0.05	mm
MAX. 9	9	0.05	mm
MAX. 10	10	0.05	mm
MAX. 11	11	0.05	mm
MAX. 12	12	0.05	mm
MAX. 13	13	0.05	mm
MAX. 14	14	0.05	mm
MAX. 15	15	0.05	mm
MAX. 16	16	0.05	mm
MAX. 17	17	0.05	mm
MAX. 18	18	0.05	mm
MAX. 19	19	0.05	mm
MAX. 20	20	0.05	mm
MAX. 21	21	0.05	mm
MAX. 22	22	0.05	mm
MAX. 23	23	0.05	mm
MAX. 24	24	0.05	mm
MAX. 25	25	0.05	mm
MAX. 26	26	0.05	mm
MAX. 27	27	0.05	mm
MAX. 28	28	0.05	mm
MAX. 29	29	0.05	mm
MAX. 30	30	0.05	mm
MAX. 31	31	0.05	mm
MAX. 32	32	0.05	mm
MAX. 33	33	0.05	mm
MAX. 34	34	0.05	mm
MAX. 35	35	0.05	mm
MAX. 36	36	0.05	mm
MAX. 37	37	0.05	mm
MAX. 38	38	0.05	mm
MAX. 39	39	0.05	mm
MAX. 40	40	0.05	mm
MAX. 41	41	0.05	mm
MAX. 42	42	0.05	mm
MAX. 43	43	0.05	mm
MAX. 44	44	0.05	mm
MAX. 45	45	0.05	mm
MAX. 46	46	0.05	mm
MAX. 47	47	0.05	mm
MAX. 48	48	0.05	mm
MAX. 49	49	0.05	mm
MAX. 50	50	0.05	mm

(±) / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | |
|---|--------|-----------|---------------------------------------|
| 1 | 25 150 | 60 90sec; | 1.Preheating:25~150°C, Time:60~90sec. |
| 2 | 245±5 | 5±0.5sec; | 2.Peak Temp. |