"Yت / Descriptions

SOT-23 NPN Silicon NPN transistor in a SOT-23 Pla5uic Package.

◕È / Features

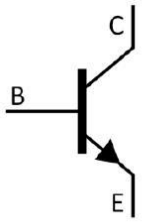
, , , MMBTA92

High voltage, Low saturation voltage, low collector capacitance output, complementary pair with MMBTA92.

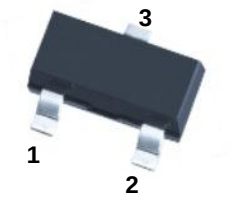
¥ ٍ / Applications

High voltage control circuit.

ЛفّQ̃ ≠ ع / Equivalent Circuit



ãﺃ ٌّ / Pinning



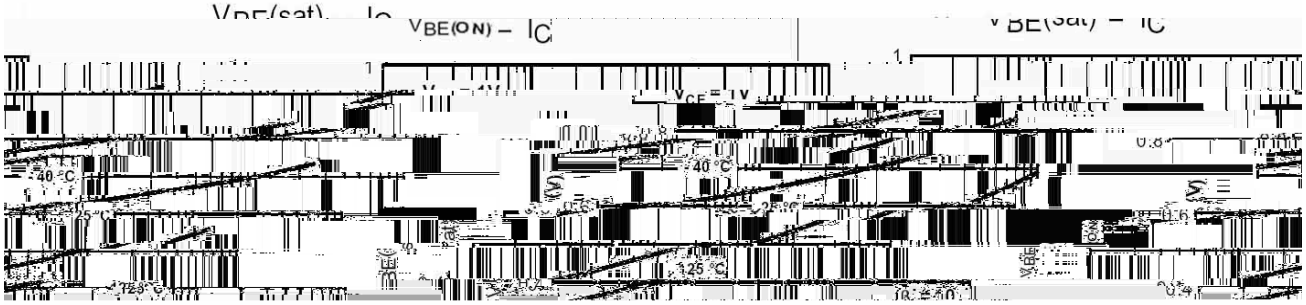
PIN1 Base PIN 2 Emitter PIN 3 Collector

ł. ʜ ڍ / Marking

h_{FE} Range	>40
Marking	H1D

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	300	V
Collector to Emitter Voltage	V_{CEO}	300	V

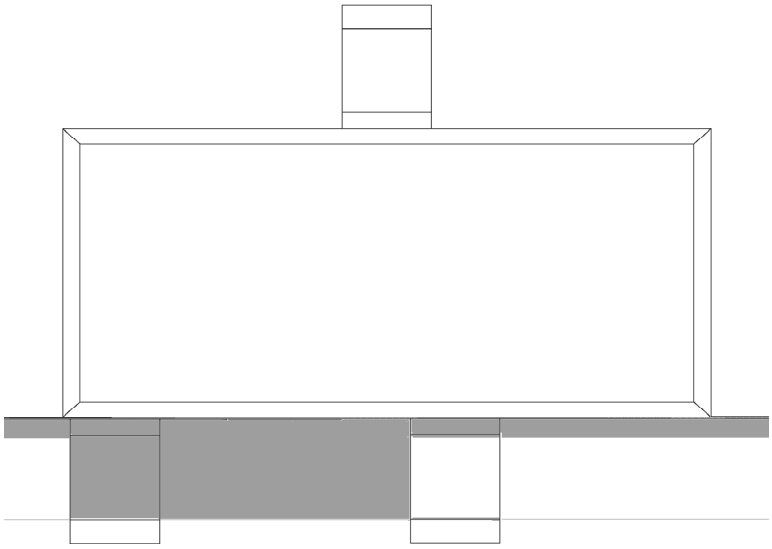
≠ Ǝ ÃΔ´E ∀ ƒ / Electrical Characteristic Curve



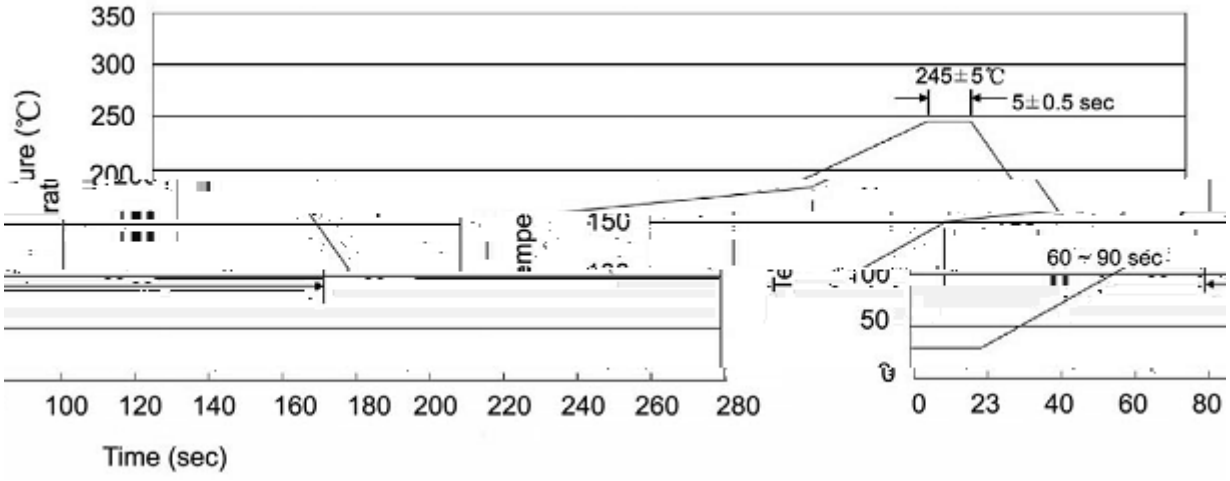
ᵘ Ė Ồ Ļ ʄ / Package Dimensions



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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.

⅃ ü q ¯ `Y Ţ / Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec

ɒ Ŀ ≮ — / Packaging SPEC.

/ REEL

Package Type	Units					Dimension		(unit mm^3)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 ρ ×8	180×120×180	390×385×205

ä ⅴ Ļ Ѽ / Notices