"Yش / Descriptions

SOT-89 PNP Silicon PNP transistor in a SOT-89 Plastic Package.

◕ È / Features

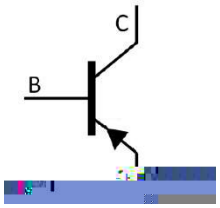
, , , MMBTA42T

High voltage, low saturation voltage, low collector output capacitance, complementary pair with MMBTA42T.

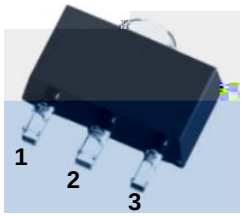
¥ ڕ / Applications

High voltage control circuit.

Л ف ̊ ̃ ̈ ≠ ɛ / Equivalent Circuit



ã ﾉ ŭ ̊ / Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

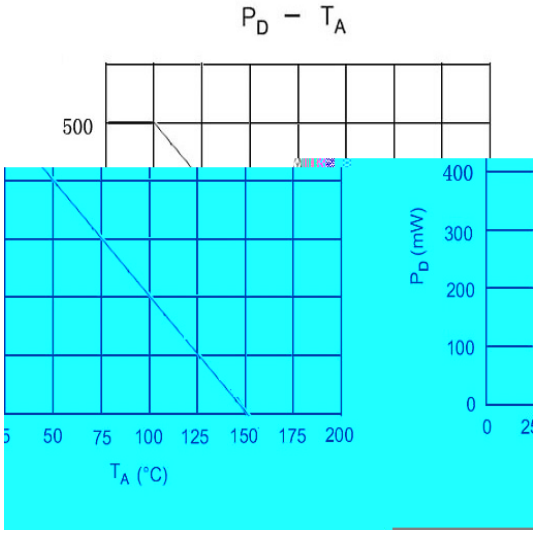
ł ˛ ʜ ɔ̀ / Marking

Marking	H2D ⁂

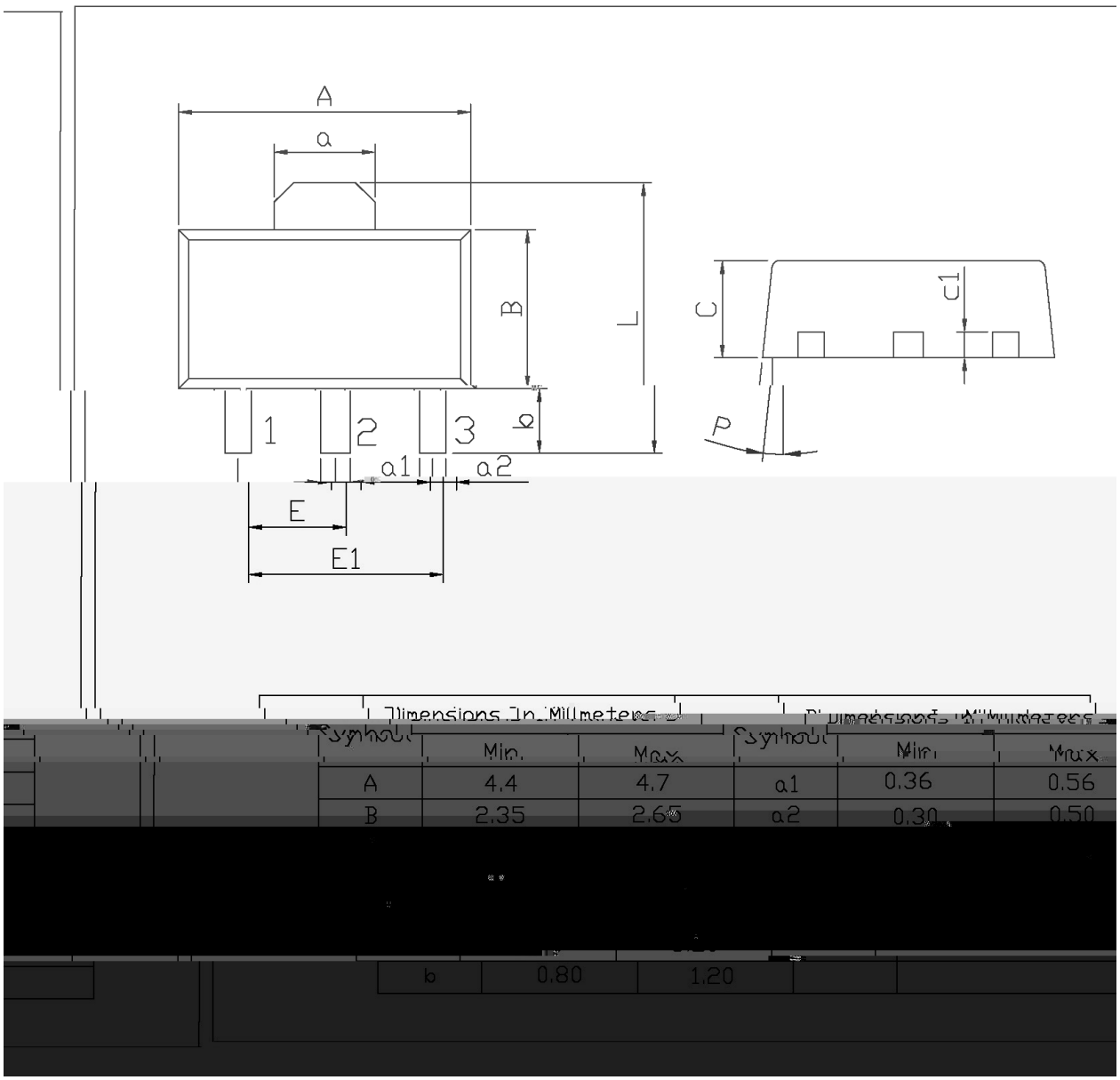
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-300	V
Collector to Emitter Voltage	V_{CEO}	-300	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-500	mA
Collector Power Dissipation	P_C	500	mW

≠ ∃ Ã´E ∀ ƒ / Electrical Characteristic Curve



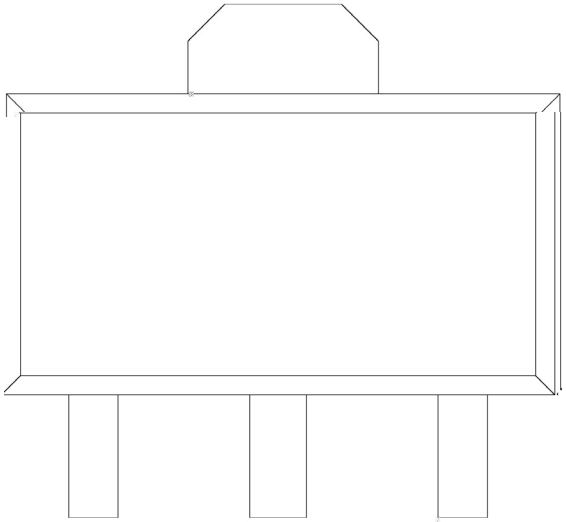


ᵘ Ė Ồ Ļ ƒ / Package Dimensions



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min.	Max.	Symbol	Min.	Max.
A	4.4	4.7	a1	0.36	0.56
B	2.35	2.65	a2	0.30	0.50
b	0.80	1.20			

Ł. Ł Ω / Marking Instructions



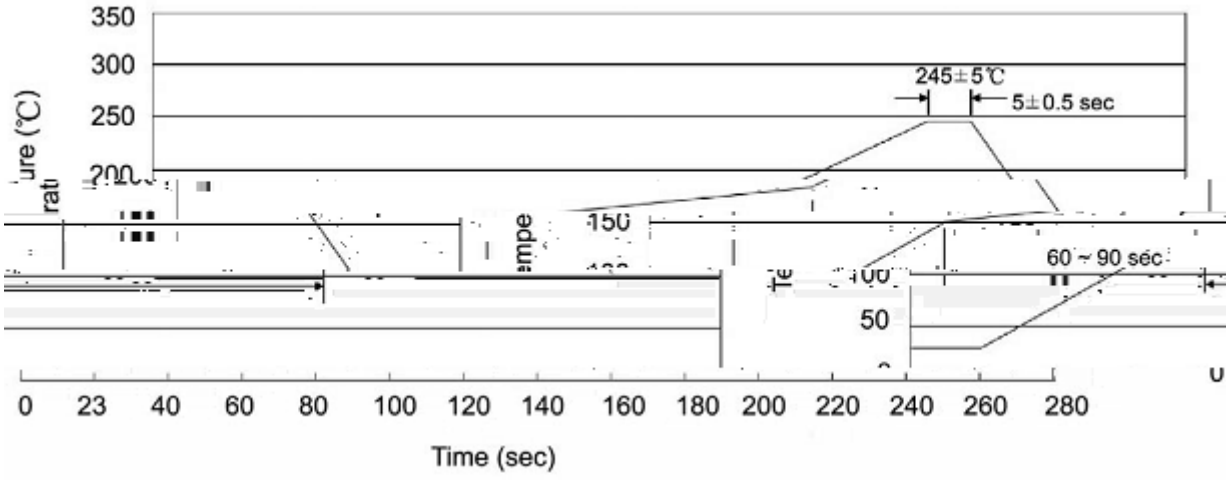
H

2D

**

Note:

ℎ ∫ ╕ẃ´E ∀ ƒ (ώ ☋) / Wh p shudwxuh Sur ilo h i ru LU Uhio r z Vro ghulq j +Se0 luhh,



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.