

Silicon NPN transistor in a TO-92LM Plastic Package.

Low $V_{CE(sat)}$, complementary pair with 2SB1243.

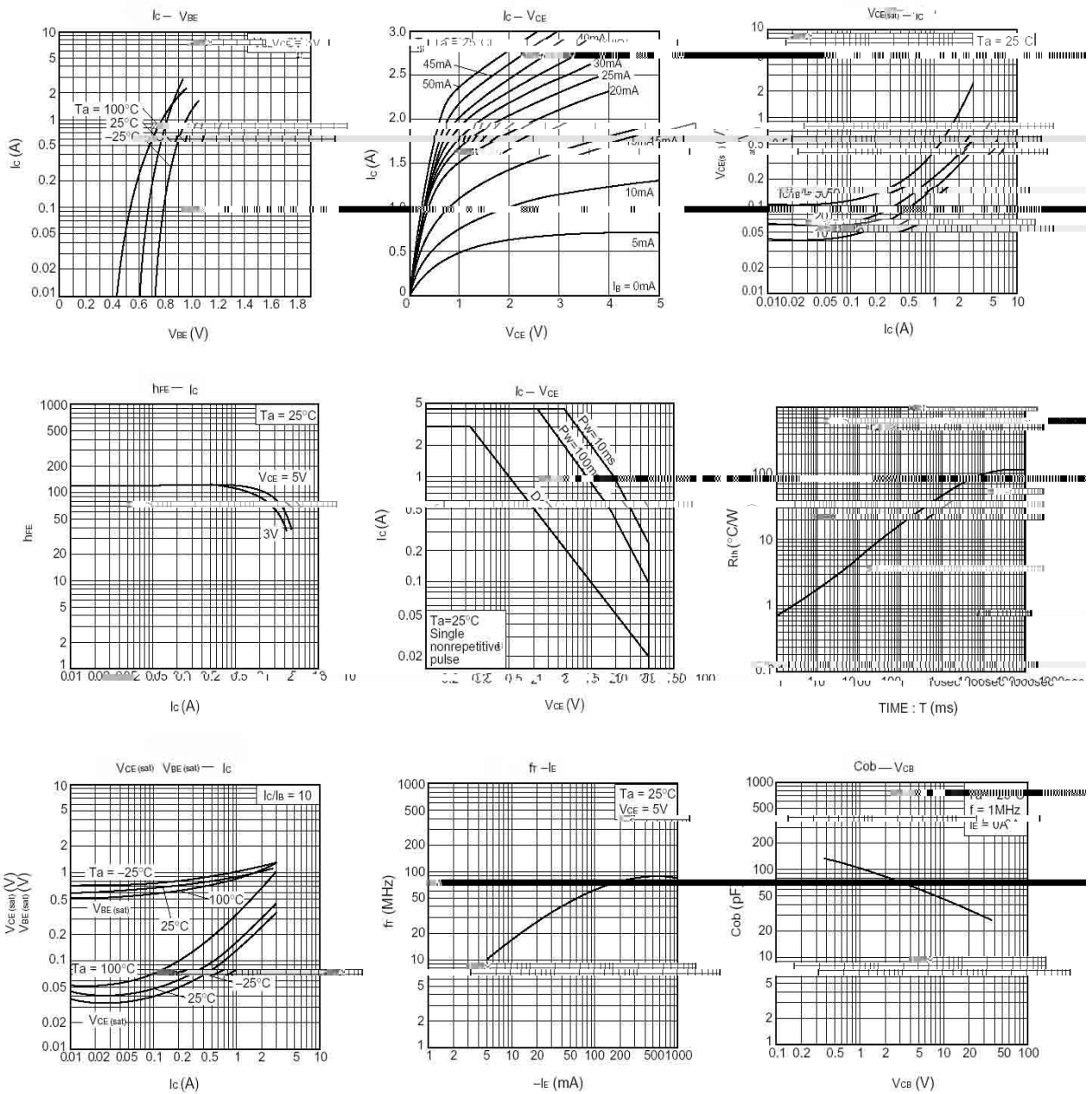
General power amplifier applications.



PIN1 Base PIN 2 Collector PIN 3 Emitter

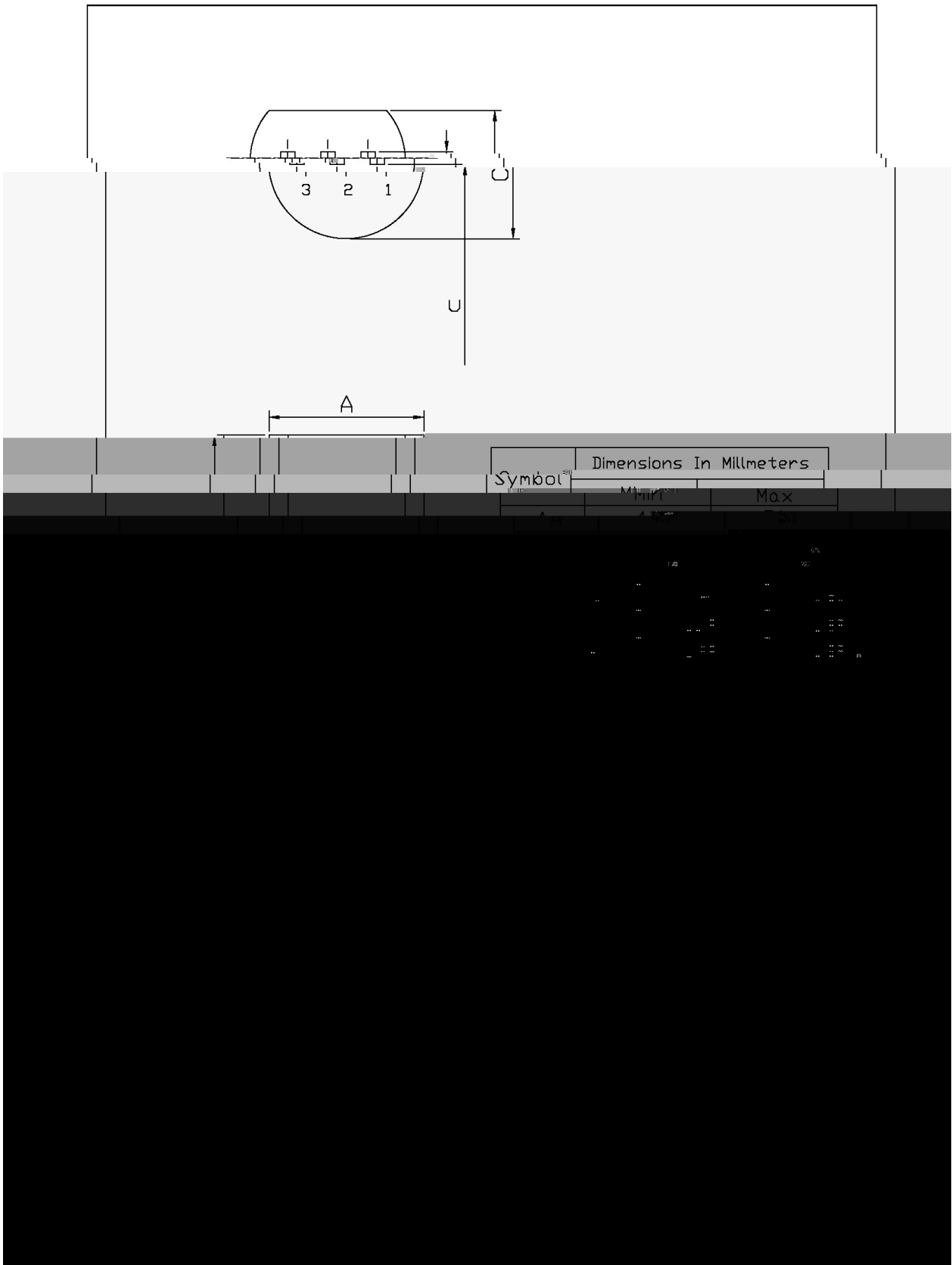
h_{FE} Classifications Symbol	P	Q	R
h_{FE} Range	82 180	120 270	180 390

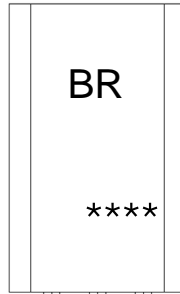
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	60	V
Collector to Emitter Voltage	V_{CEO}	50	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current (DC)	I_C	3.0	A
Collector Current (Pulse)	I_{CP}	4.5	A
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55	



TO-92LM

Unit: mm





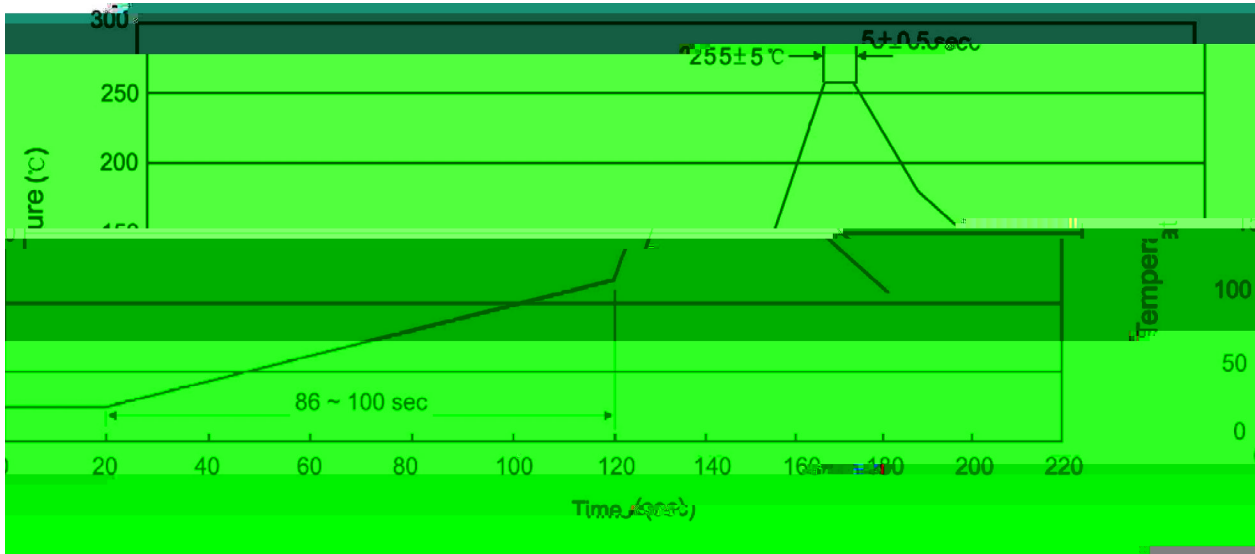
Note:

BR: Company Code.

D1864: Product Type.

P: h_{FE} Classifications Symbol

****: Lot No. Code,code change with Lot No.


Note:

- 1 25 150 60 90sec;
- 2 255 5 5 0.5sec;
- 3 2 10 /sec.

- 1.Preheating:25~150 , Time:60~90sec.
- 2.Peak Temp.:255 5 , Duration:5 0.5sec.
3. Cooling Speed: 2~10 /sec.

270 5

10 1 sec.

Temp.:270±5