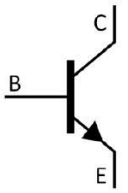
WR0<50P ṂṂ Ḷ QSQ ÆṀ ɥ s ǁ ˥ Silicon NPN transistor in a TO-92LM Plastic Package.

ت ⁼ я ں Ӊ/љ 5VD9 ; 7 Ӥ ´ ˈ ệ 5 Ḱ 6 ב ڑ ̣

Low $V_{CE(sat)}$,2 3W output in complementary pair with 2SA684.

ﾈ̂ ̂ ̂ ̣ ̣ ḷ ı ˈ ṷ ̈ ʑ ⁼ ɨ ʊ

AF power amplifier and driver applications.

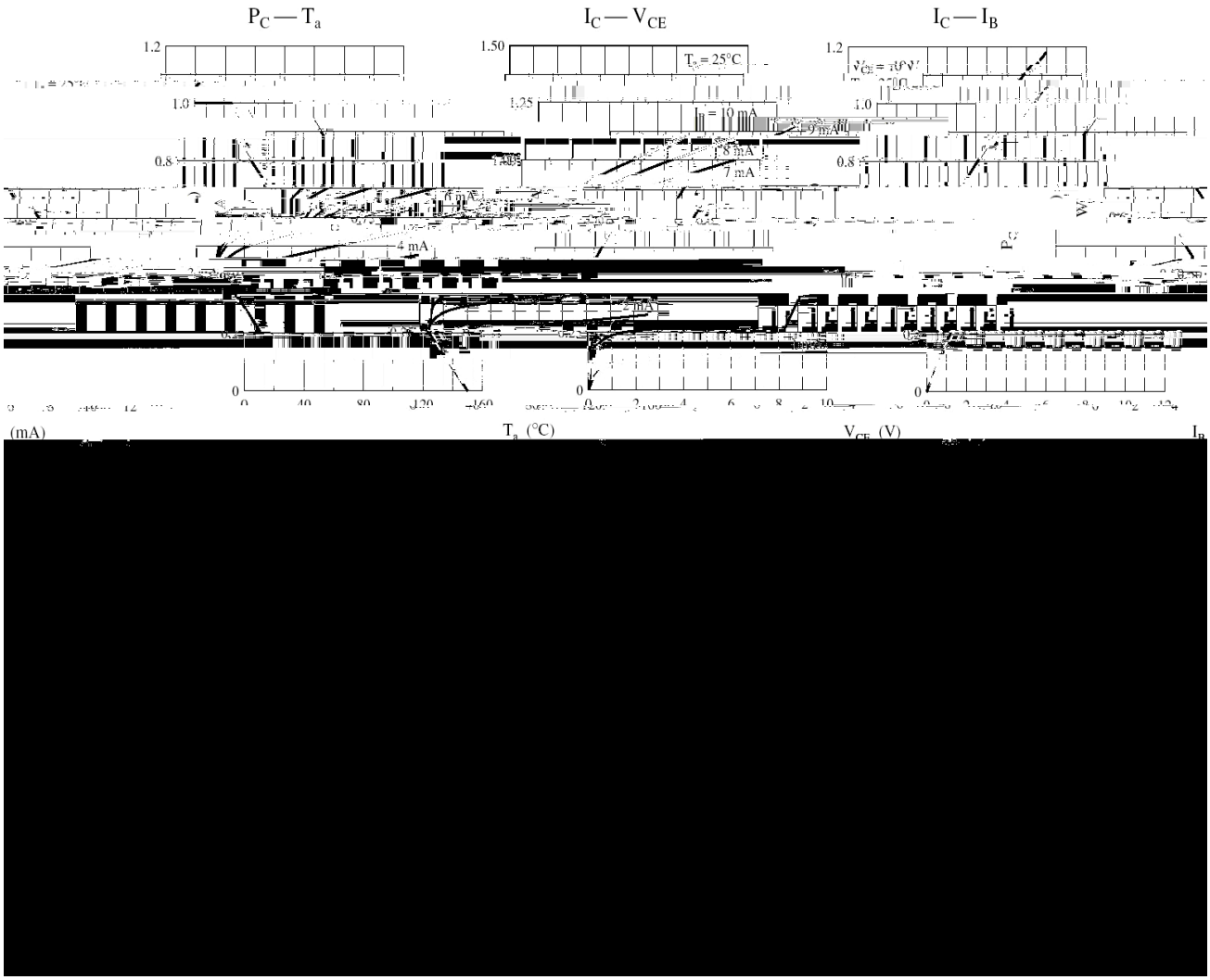


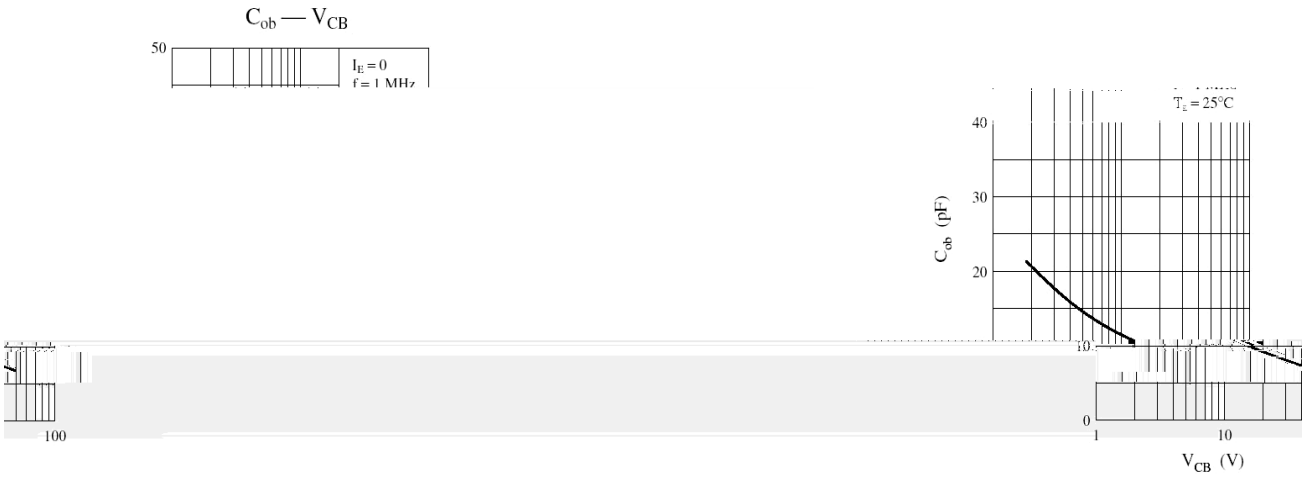


PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

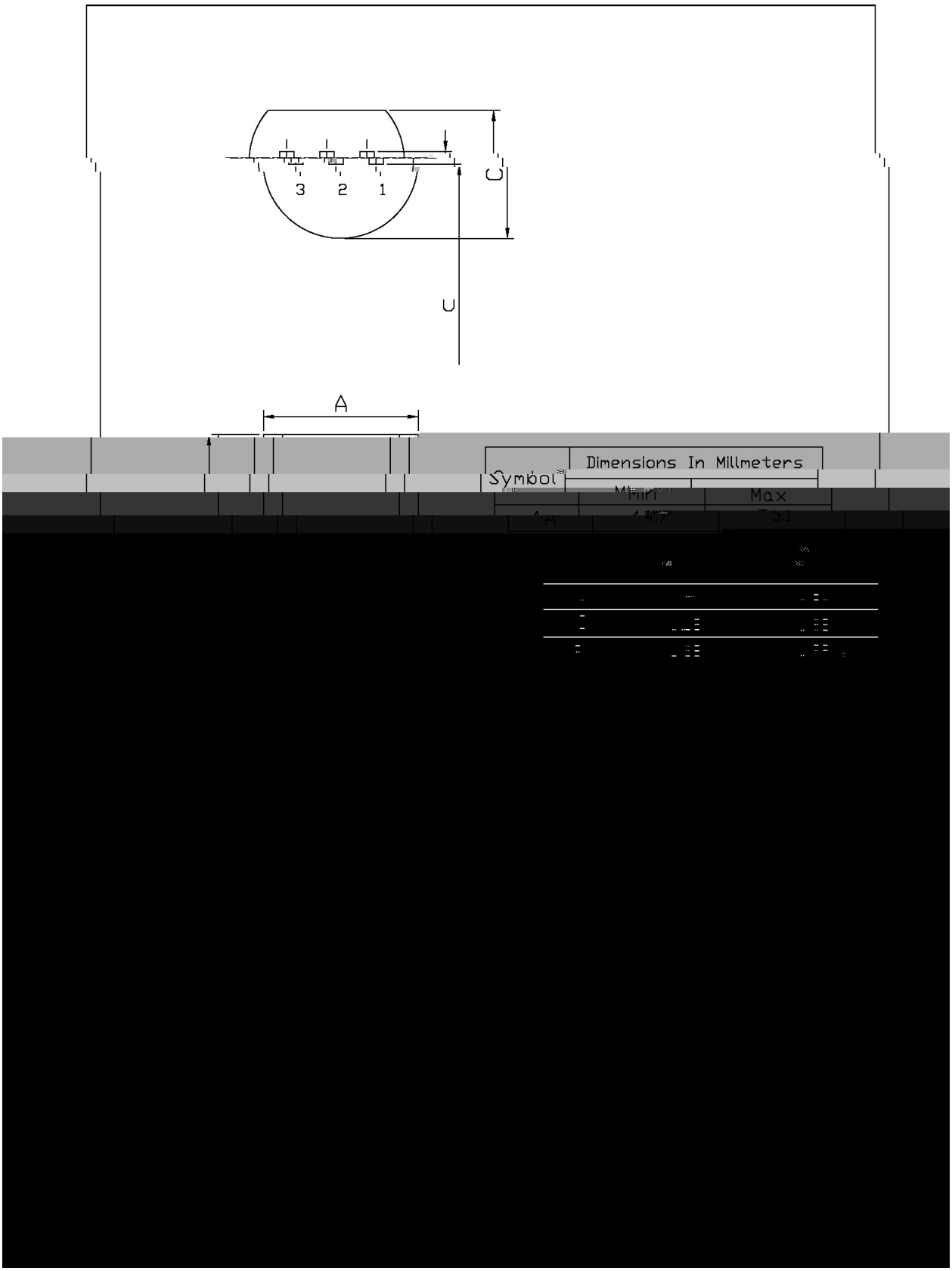
h_{FE} Classifications Symbol	Q	R	S
h_{FE} Range	85~170	120~240	170~340

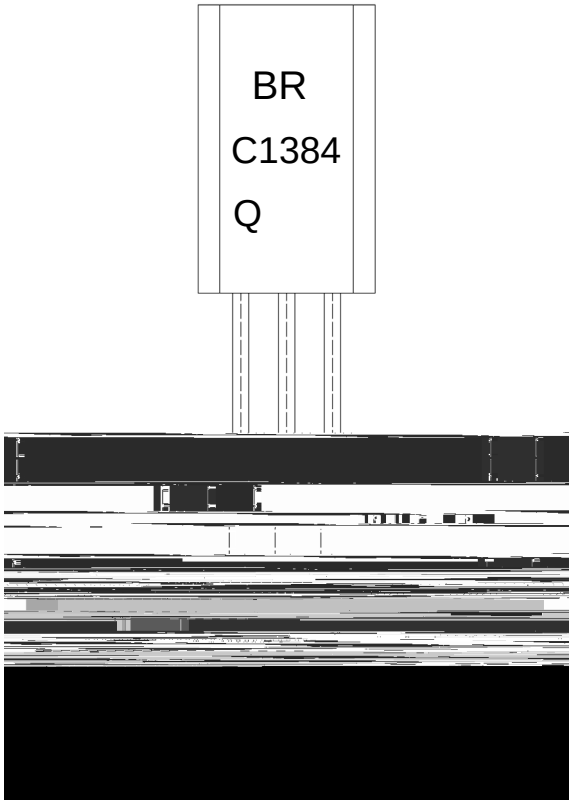
V ̈Ω̣ Parameter	ϒ N Symbol	̈Ω̣Ö Rating	D Ĥ Unit
Collector to Base Voltage	V_{CBO}	60	V
Collector to Emitter Voltage	V_{CEO}	50	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	1.0	A
Collector Current – Continuous(Pulse)	I_{CP}	1.5	A
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	T'


P_C — T_a
I_C — V_{CE}
I_C — I_B
1.2
1.0
0.8
1.50
1.25
T_a = 25°C
I_B = 10 mA
9 mA
8 mA
7 mA
4 mA
0
40
80
120
160
2
4
6
8
10
(mA)
T_a (°C)
V_{CE} (V)
I_B


C_{ob} — V_{CB}
50
I_E = 0
f = 1 MHz
T_a = 25°C
40
30
20
10
0
C_{ob} (pF)
100
1
10
V_{CB} (V)

TO-92LM Unit: mm



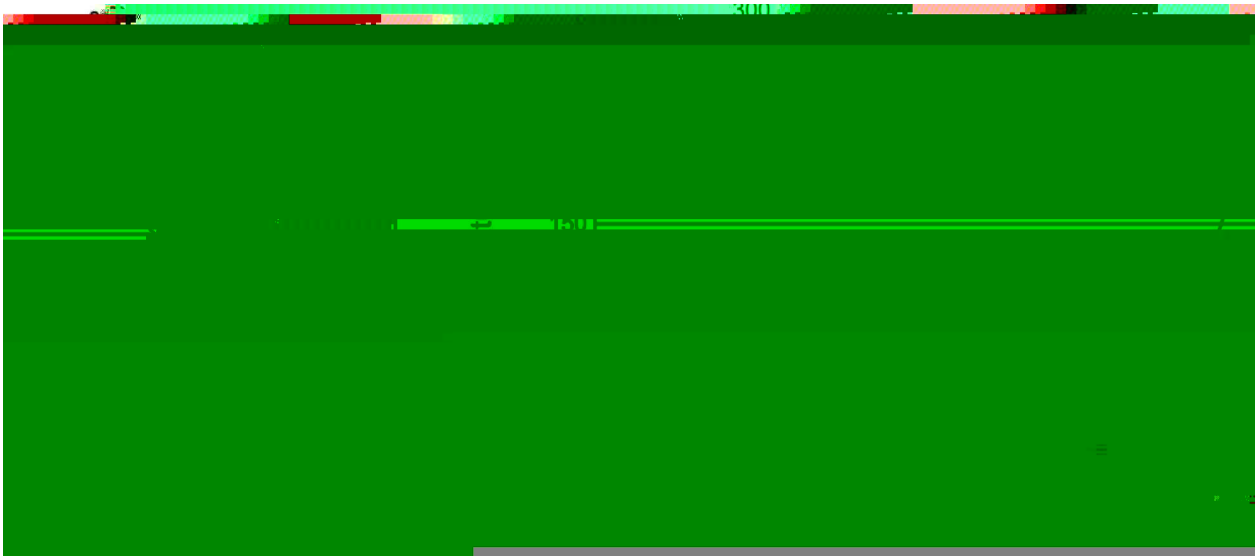


ب ˝ χ

EU=	ѭ ʒ ᴵ Ɱ
F46 ; 7 χ	ѭ ʒ ᴺ Ɱ
T=	ѭ k_{IH} ʿ ᶠ Ɱ
---- χ	ѭ ɨ ɾ ŋ̋ ᴺ Ɱ ɪ ɞ ɨ ɾ ŋ̋ ᴺ ψ ק

Note:

BR:	Company Code.
C1384:	Product Type.
Q:	h_{FE} Classifications Symbol
****:	Lot No. Code,code change with Lot No.



ب ˝ χ

1 ǰ ♬ □ ỷ 25 Ḱ 150 ɬ ı ̀H ڑ 60 Ḱ 90sec;

2 Š Ö □ ỷ 255 ° 5 ɬ ı ̀H ڑ ̀Y ⺈ ⺮ 5 ° 0.5sec;

3 ì ̇ ⺈ ̨ ɔ ھ ỷ ⺮ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

□ ỷ χ 270 ° 5 ɬ ̀H ڑ χ 10 ° 1 sec. Temp.:270 ° 5 ɬ Time:10 ° 1 sec

̈Ọ ţ ɣ Ɛ / BULK

Package Type	Units					Dimension		(unit mm3)