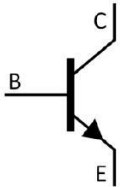


Rev.E Mar.-2016

KF \$0) CD                      E GE                      Silicon NPN transistor in a TO-92LM Plastic Package.

# ) J8- /+                      ) \*                      Low  $V_{CE(sat)}$ , 2 3W output in complementary pair with 2SA684.

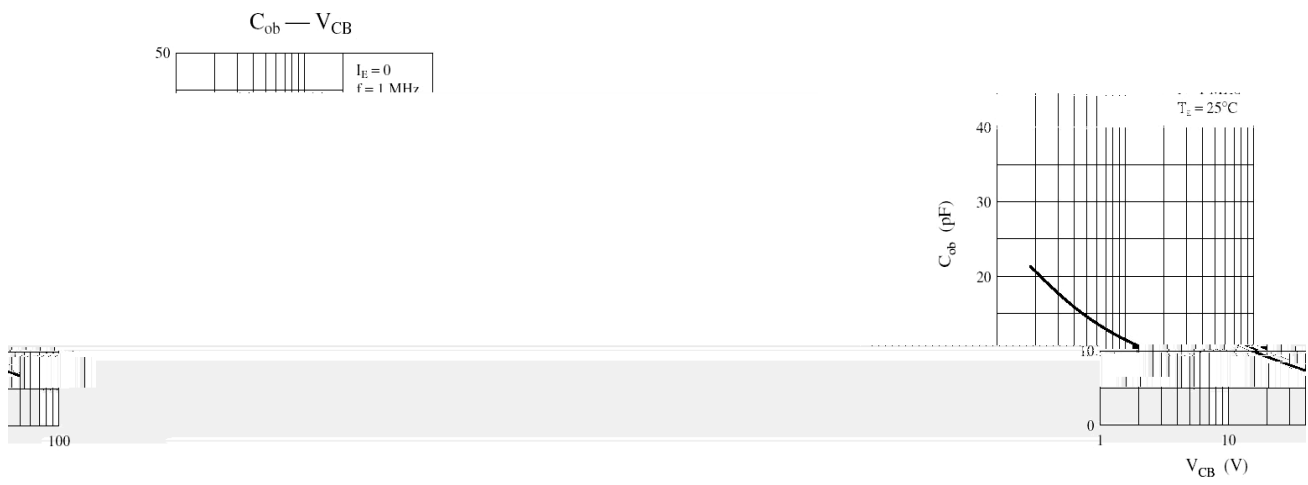
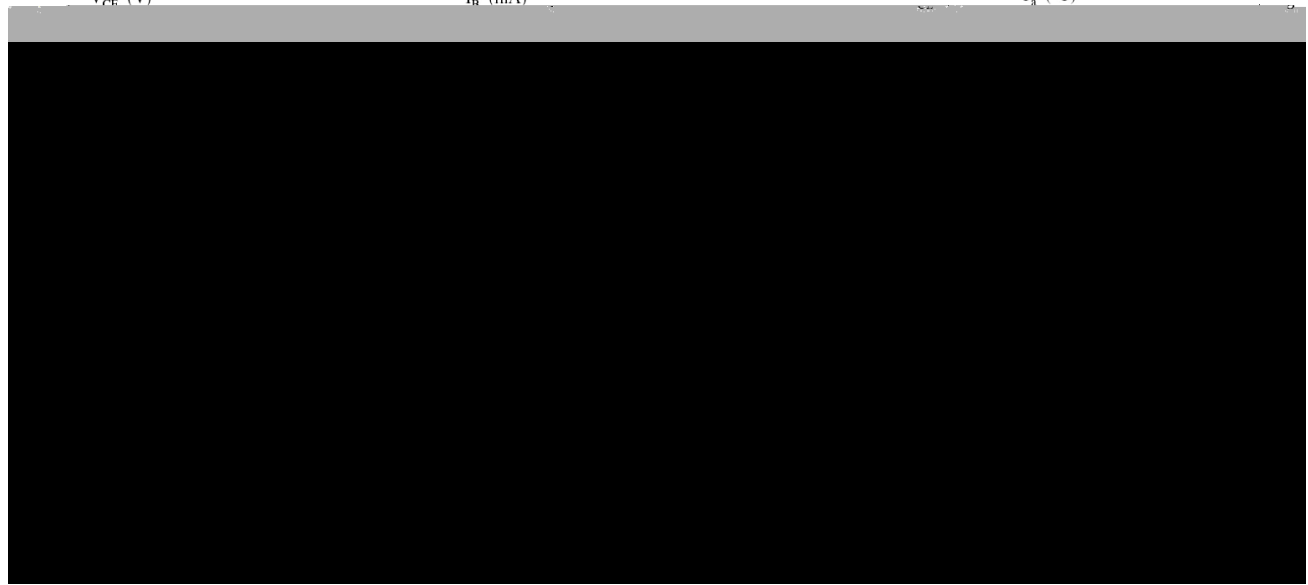
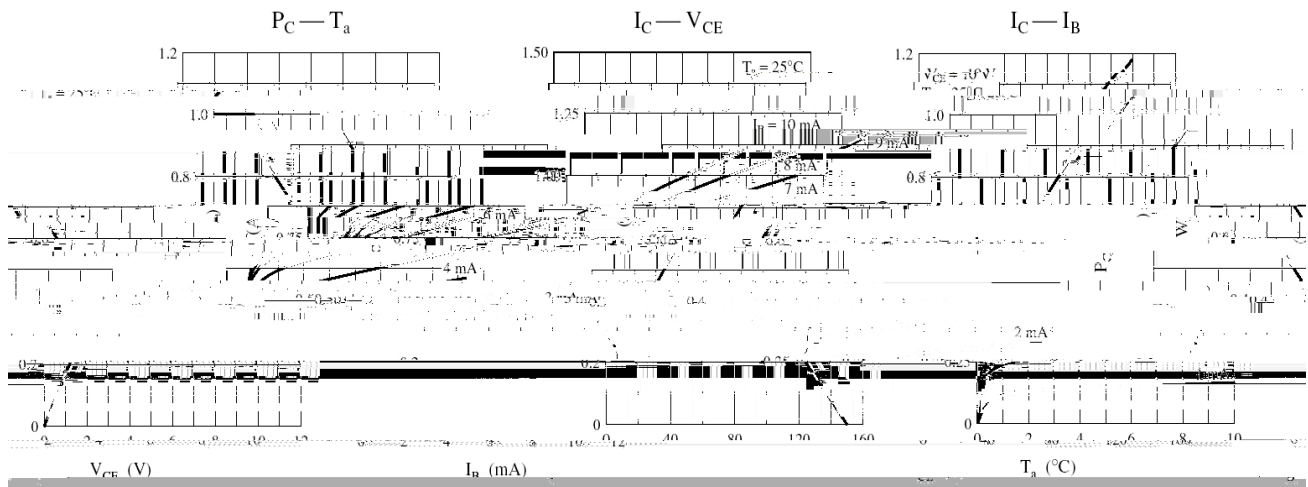
AF power amplifier and driver applications.



PIN1 Base                      PIN 2 Collector                      PIN 3 Emitter

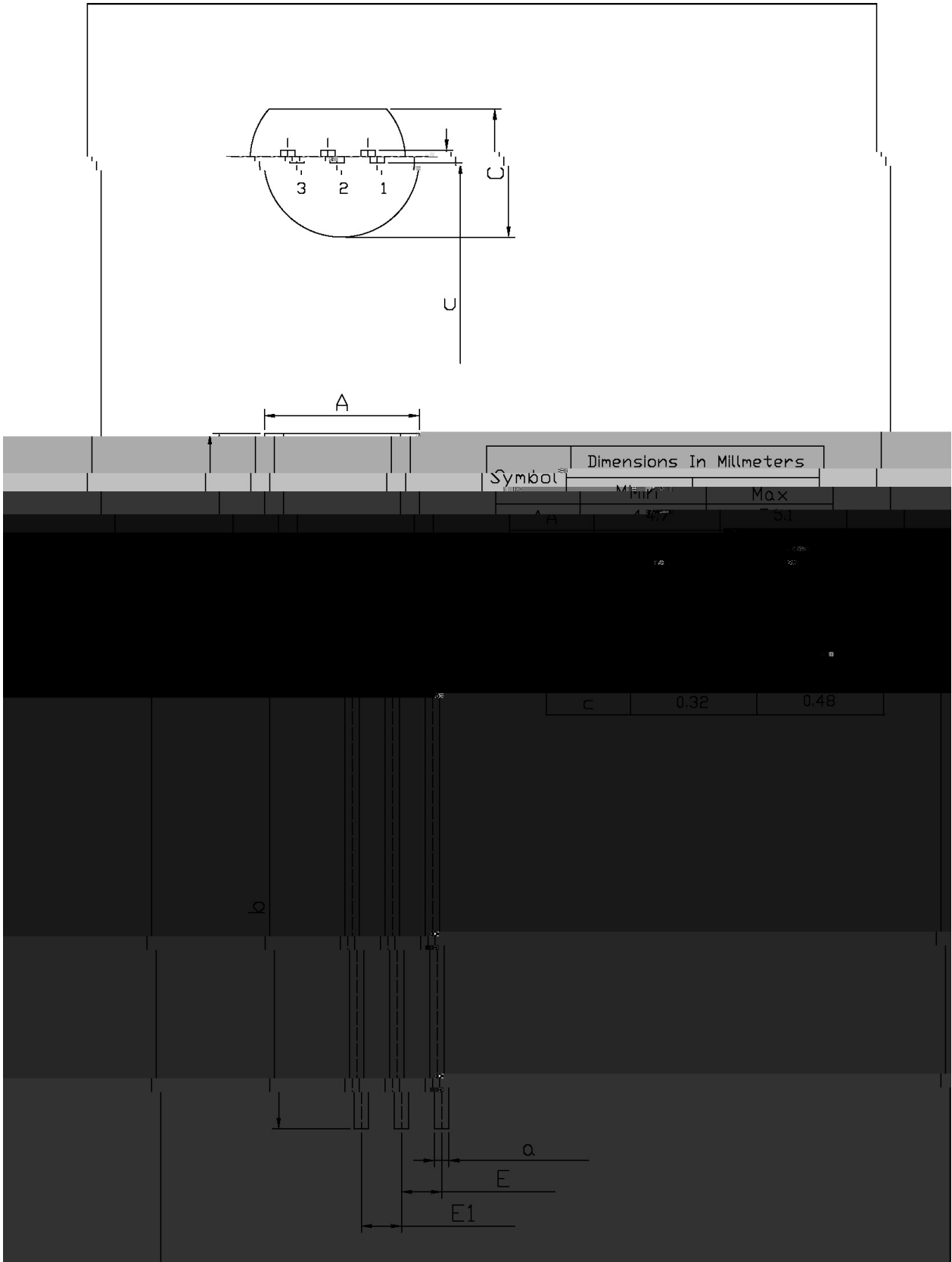
$h_{FE}$ Classifications Symbol	Q	R	S
$h_{FE}$ Range	85~170	120~240	170~340

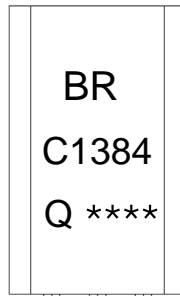
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	60	V
Collector to Emitter Voltage	$V_{CEO}$	50	V
Emitter to Base Voltage	$V_{EBO}$	5.0	V
Collector Current - Continuous	$I_C$	1.0	A
Collector Current – Continuous(Pulse)	$I_{CP}$	1.5	A
Collector Power Dissipation	$P_C$	1.0	W
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	°C



TO-92LM

Unit: mm





9| 1

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H1

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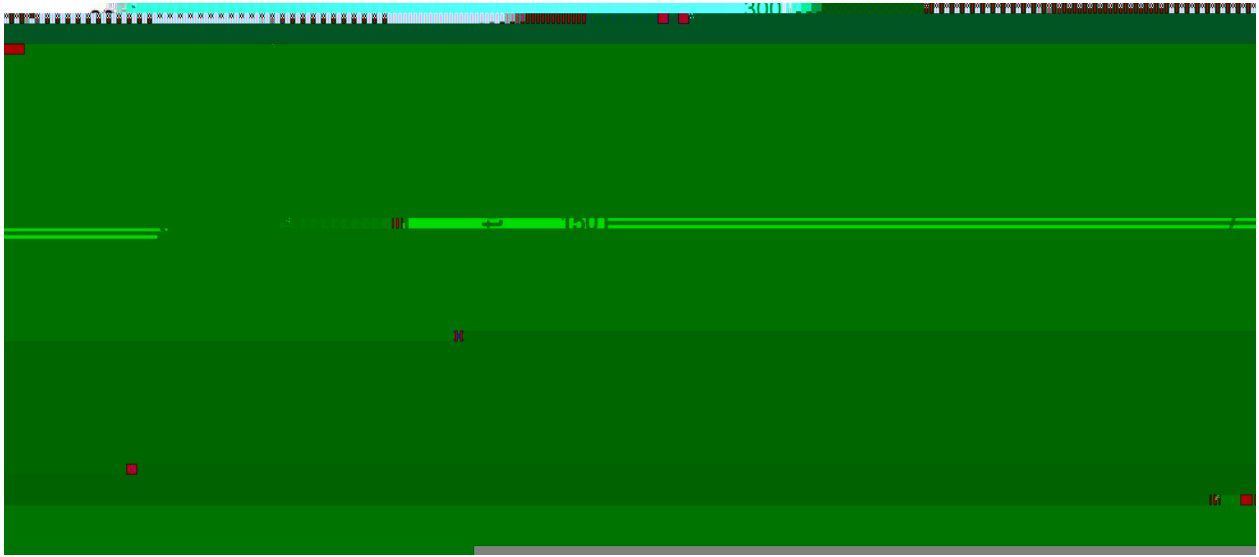
Note:

BR: Company Code.

C1384: Product Type.

Q:  $h_{FE}$  Classifications Symbol

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



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

270..5                      10..1 sec.                      Temp.:270..5                      Time:10..1 sec

/ BULK

Package Type	Units					Dimension (unit mm3)		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-92LM	1,000	8	8,000	5				