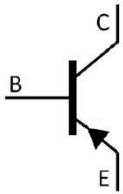


Rev.E May.-2016

TO-252          PNP          Silicon PNP transistor in a TO-252 Plastic Package.

MPSA42D  
High voltage, low saturation voltage, low collector output capacitance, complementary pair with MPSA42D.

High voltage control circuit.

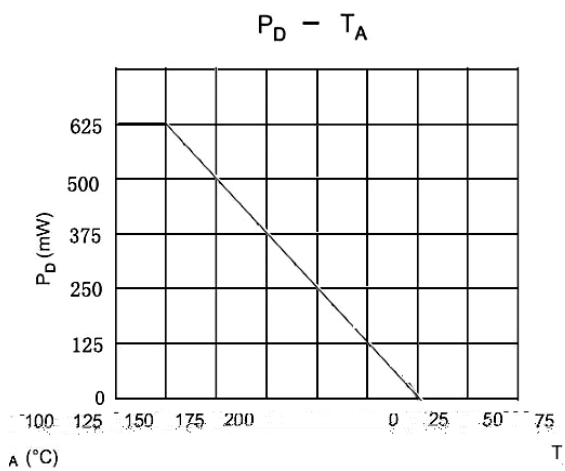
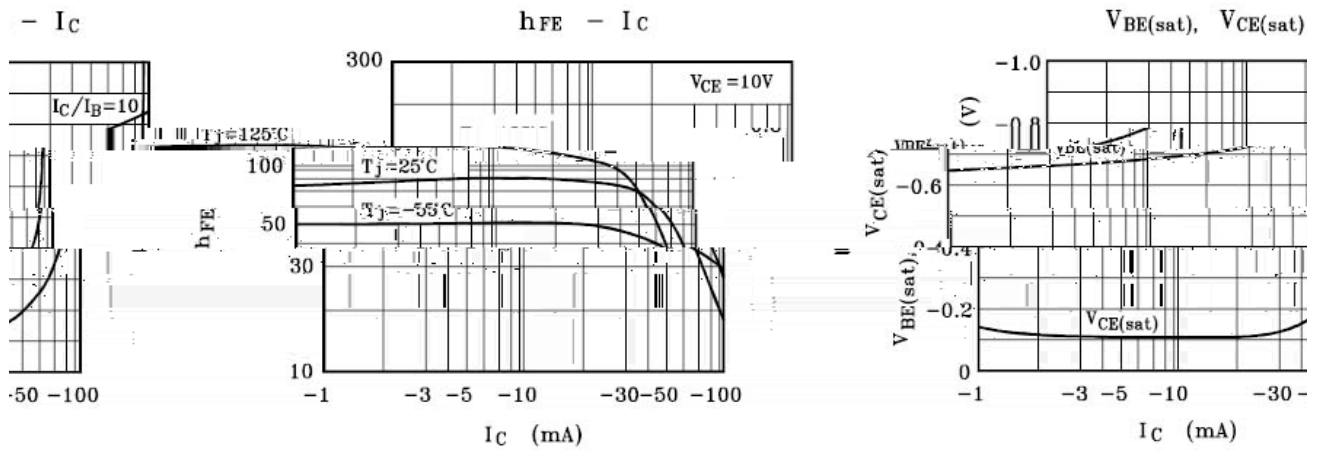
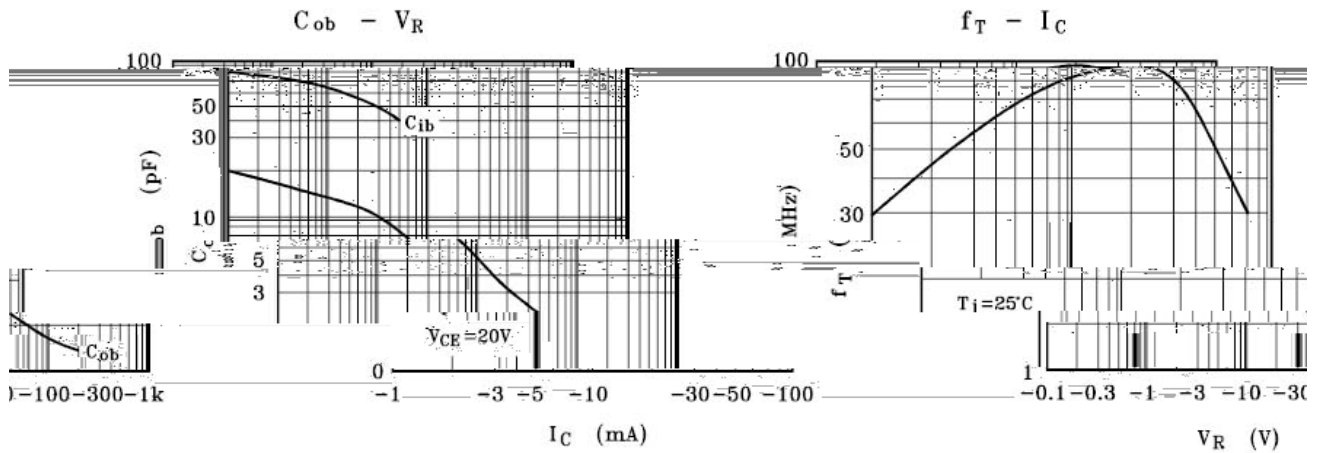


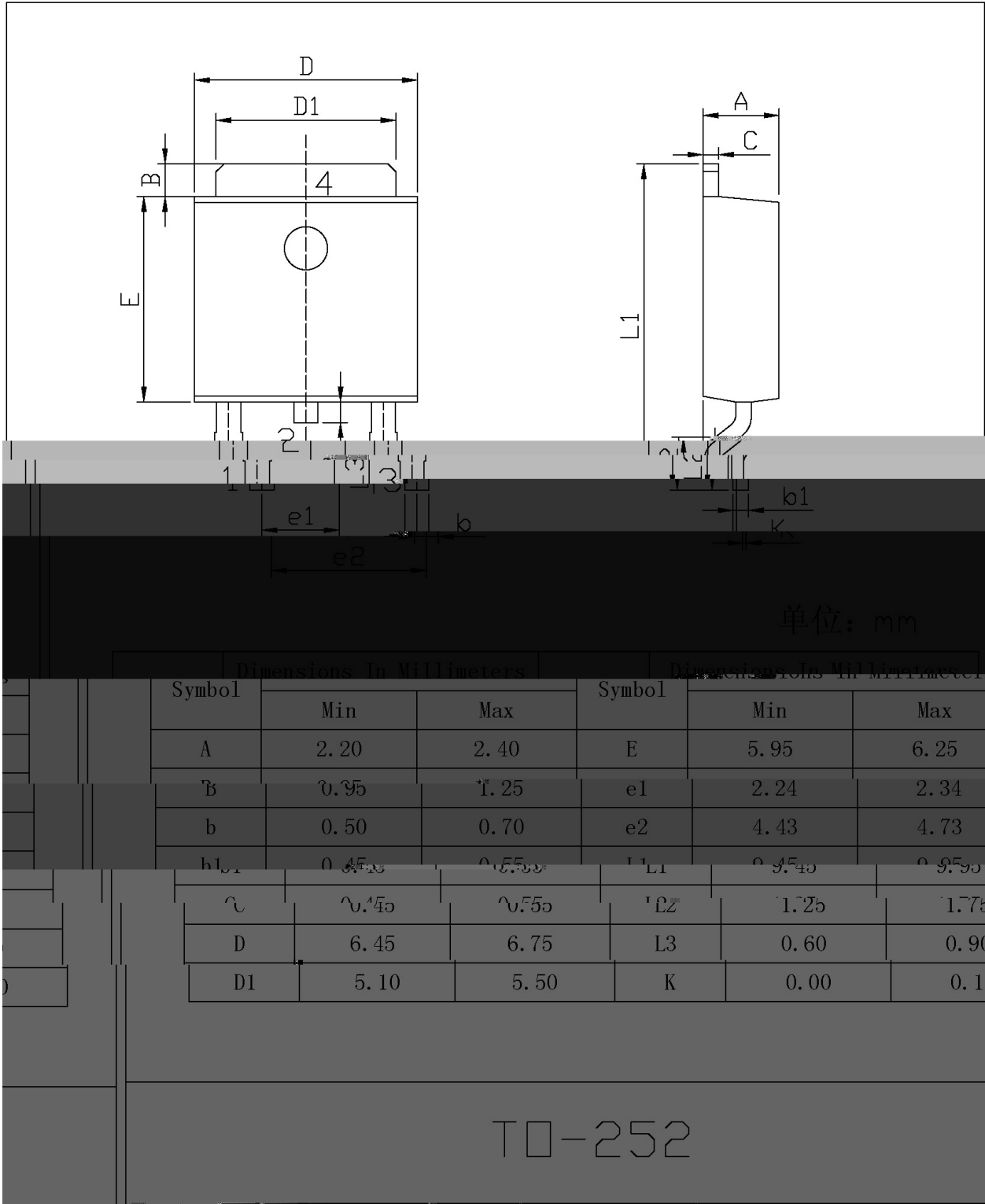
PIN1 Base          PIN 2,4 Collector          PIN 3 Emitter

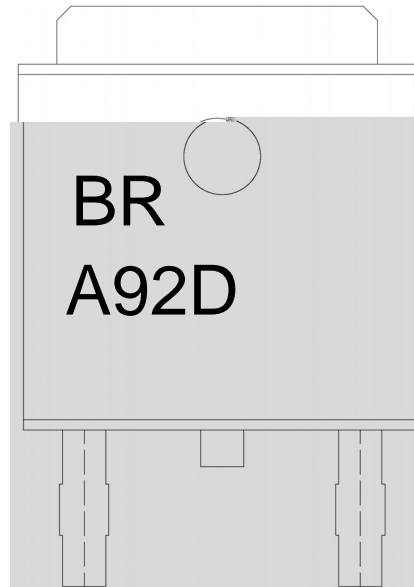
See Marking Instructions.

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	$P_C$	625	mW
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	$V_{CBO}$	$I_C = 100\mu A$ $I_E = 0$	-300			V
Collector to Emitter Breakdown Voltage	$V_{CEO}$					







BR

A 92D

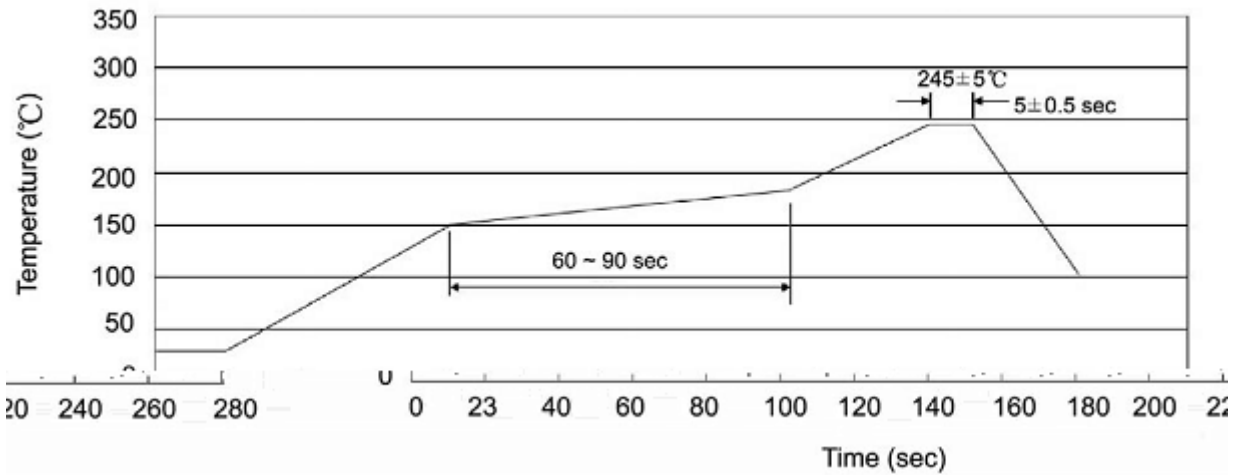
\*\*\*\*

Note:

BR: Company Code

A92D: Product Type.

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



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.            |

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm <sup>3</sup> )		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱	盒	箱	

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm <sup>3</sup> )		
	只 套管	套管 盒	只 盒	盒 箱	只 箱	套管	盒	箱