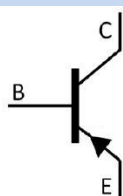


Silicon PNP transistor in a TO-92LM Plastic Package.

High voltage, complementary to KTC3228.

Color TV vertical deflection output, color TV class B sound output application.

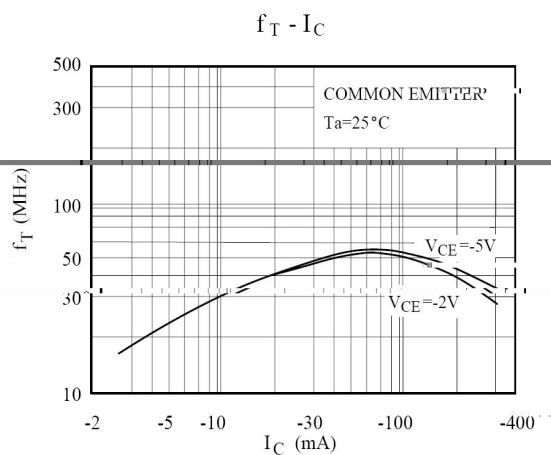
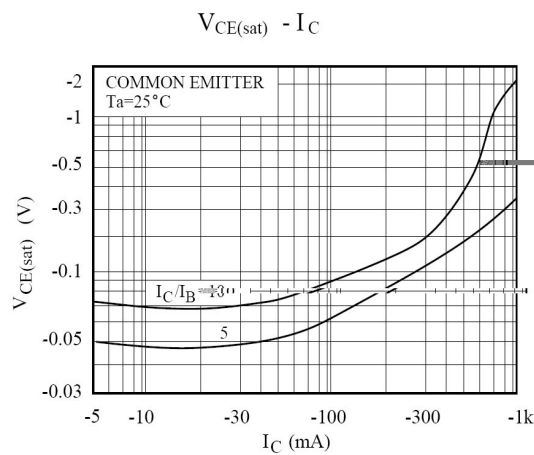
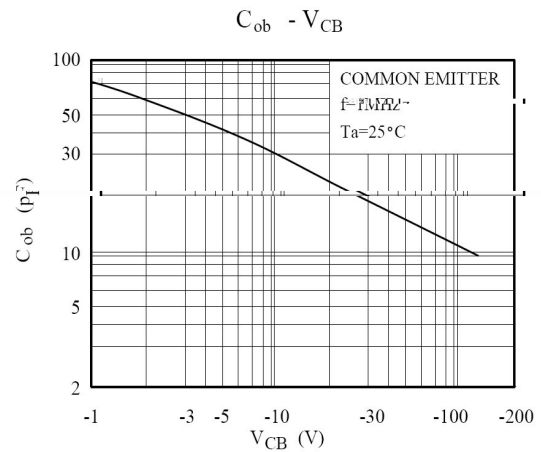
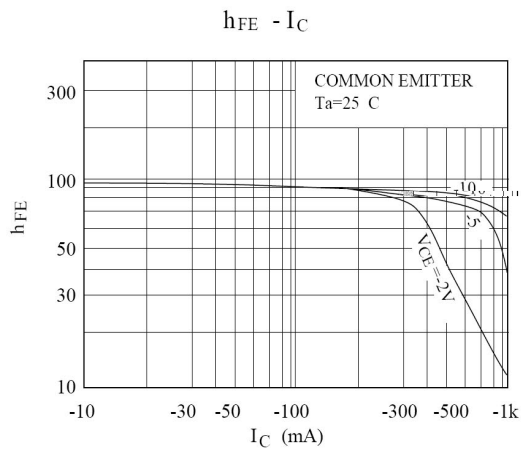
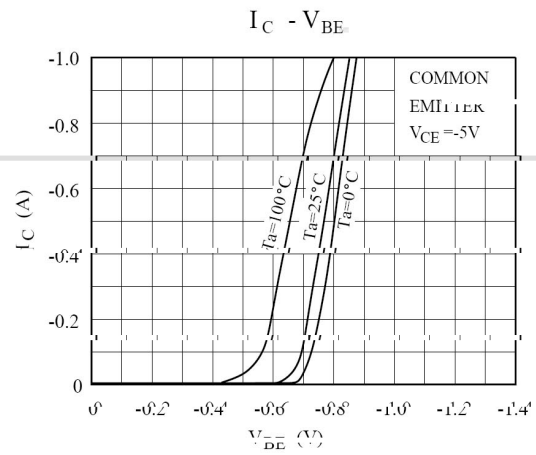
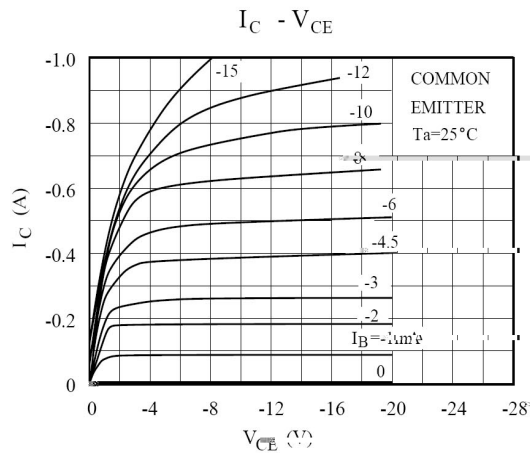


PIN1 Base PIN 2 Collector PIN 3 Emitter

h_{FE} Classifications Symbol	R	O	Y
h_{FE} Range	60~120	100~200	160~320

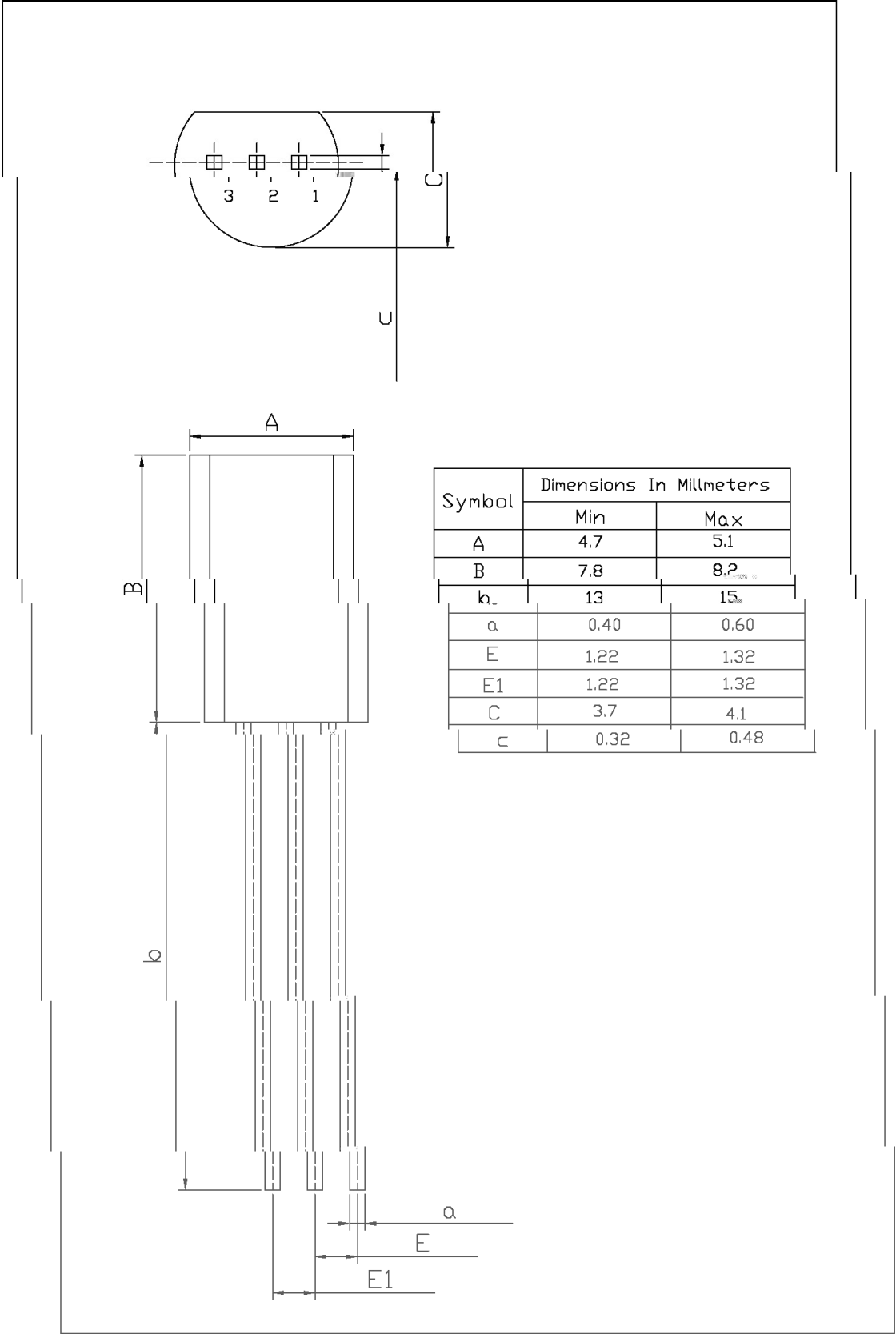
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-160	V
Collector to Emitter Voltage	V_{CEO}	-160	V
Emitter to Base Voltage	V_{EBO}	-6	V
Collector Current - Continuous	I_C	-1.0	A
Base Current - Continuous	I_B	-0.5	A
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55 150	

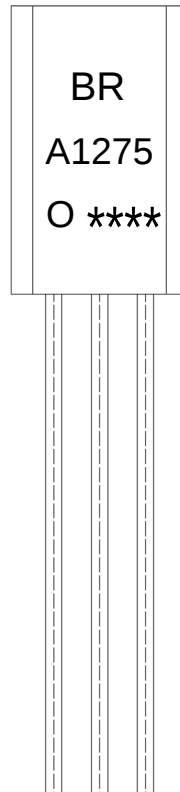
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C = -10mA$ $I_B = 0$	-160			V
Collector Cut-Off Current	I_{CBO}	$V_{CB} = -150V$ $I_E = 0$			-1.0	μA
Emitter Cut-Off Current	I_{EBO}	$V_{EB} = -6V$ $I_C = 0$			-1.0	μA
DC Current Gain	h_{FE}	$V_{CE} = -5V$ $I_C = -200mA$	60		320	
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C = -500mA$ $I_B = -50mA$			-1.5	V
Base to Emitter Voltage	V_{BE}	$V_{CE} = -5V$ $I_C = -5mA$	-0.45		-0.75	V
Transition Frequency	f_T	$V_{CE} = -5V$ $I_C = -200mA$	15	50		MHz
Collector output capacitance	C_{ob}	$V_{CB} = -10V$ $I_E = 0$ $f = 1MHz$			35	pF



TO-92LM

Unit: mm





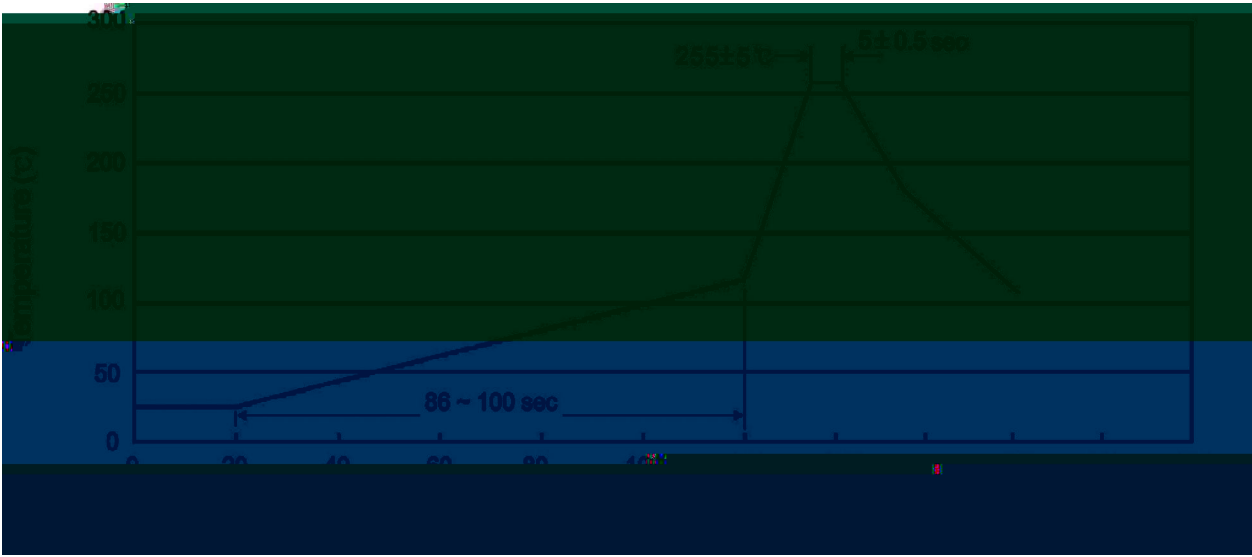
Note:

BR: Company Code.

A1275: Product Type.

O: h_{FE} Classifications Symbol

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



Note:

- 1

25 150

60 90sec;

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 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-92LM	1,000	8	8,000	5	40,000	135×190	237×172×102	560×245×195

/ AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	Units/tape 只/纸带	Tape/Inner Box 纸带/盒	Rows/Inner Box 纸带层/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Inner Box 盒	Outer Box 箱
TO-92LM	2,500	1	100	10	25,000	328×230×42	小箱 480×346×235 大箱 547×407×268