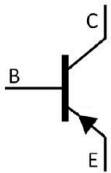


Silicon PNP transistor in a TO-92LM Plastic Package.

High transition frequency, small collector output capacitance complementary pair with 2SC2705.

Audio frequency amplifier applications.

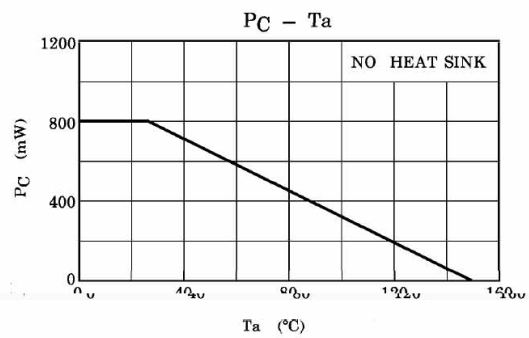
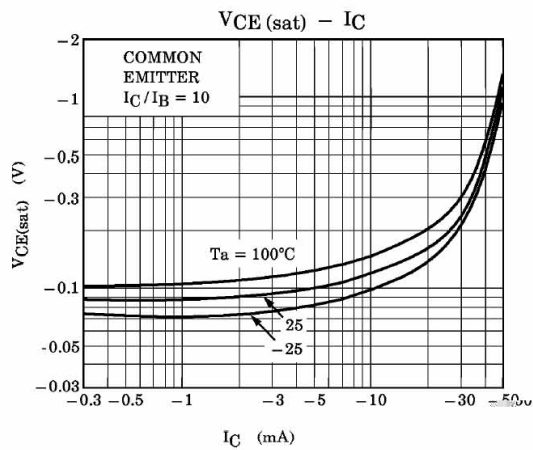
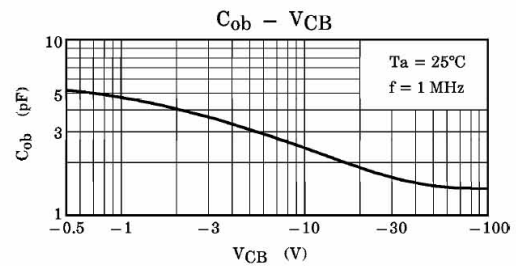
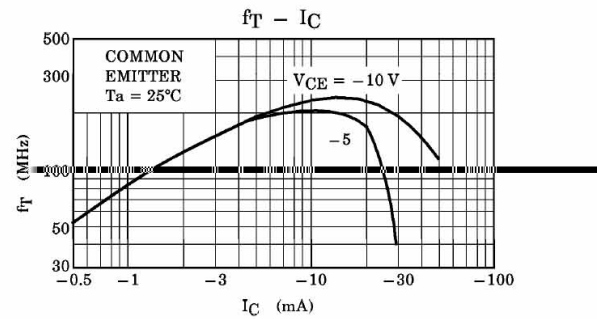
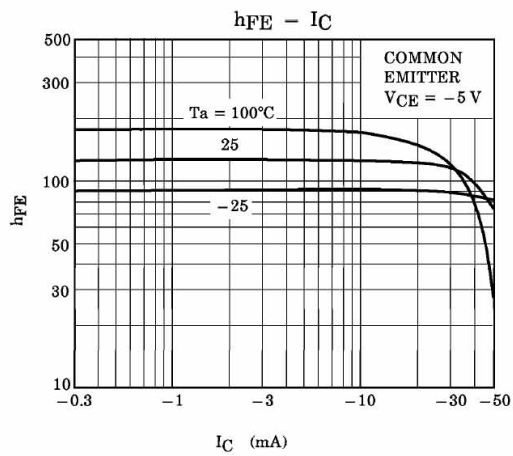
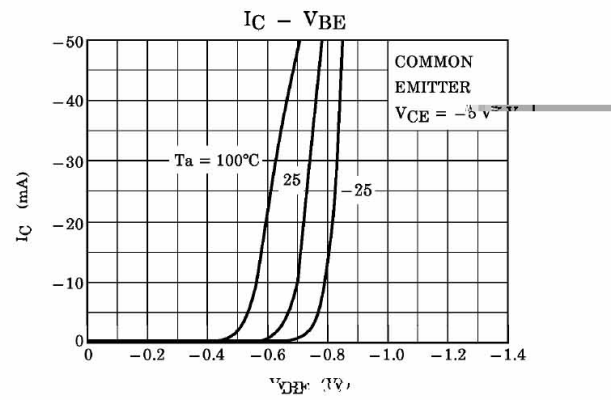
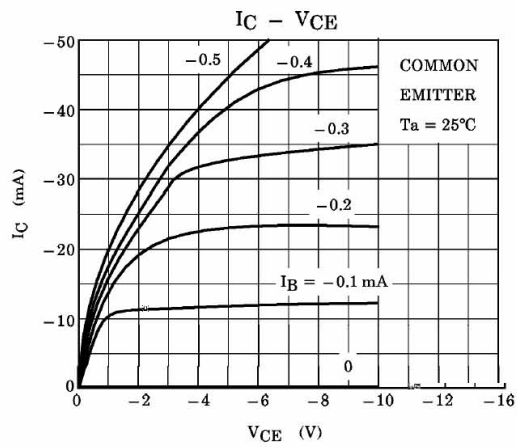


PIN1 Base PIN 2 Collector PIN 3 Emitter

h_{FE} Classifications Symbol	O	Y
h_{FE} Range	80~160	120~240

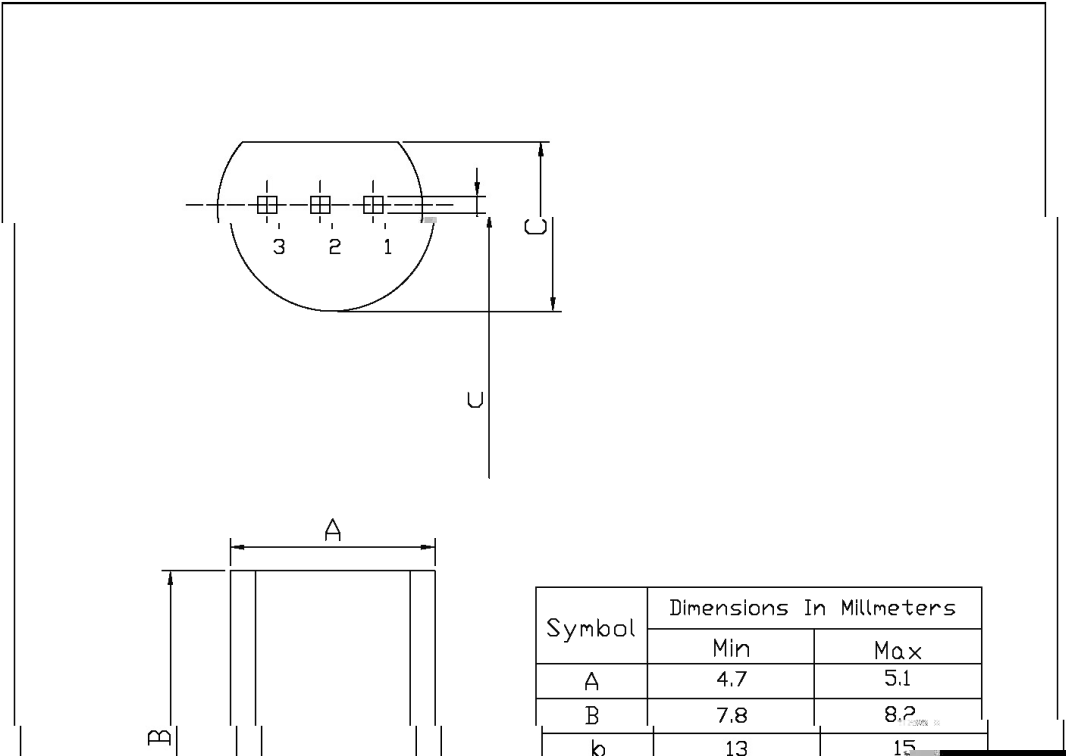
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-150	V
Collector to Emitter Voltage	V_{CEO}	-150	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-50	mA
Base Current	I_B	-5.0	mA
Collector Power Dissipation	P_C	800	mW
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55~150	

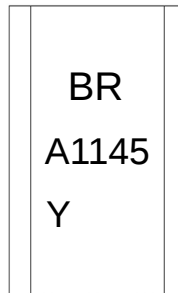
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=-1.0mA$ $I_B=0$	-150			V
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-150V$ $I_E=0$			-0.1	A
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-5.0V$ $I_C=0$			-0.1	A
DC Current Gain	h_{FE}	$V_{CE}=-5.0V$ $I_C=-10mA$	80		240	
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-10mA$ $I_B=-1.0mA$			-1.0	V
Base to Emitter Voltage	V_{BE}	$V_{CE}=-5.0V$ $I_C=-10mA$			-0.8	V
Transition Frequency	f_T	$I_C=-10mA$ $V_{CE}=-5.0V$		200		MHz
Collector output capacitance	C_{ob}	$V_{CB}=-10V$ $I_E=0$ $f=1.0MHz$		2.5		pF



TO-92LM

Unit: mm





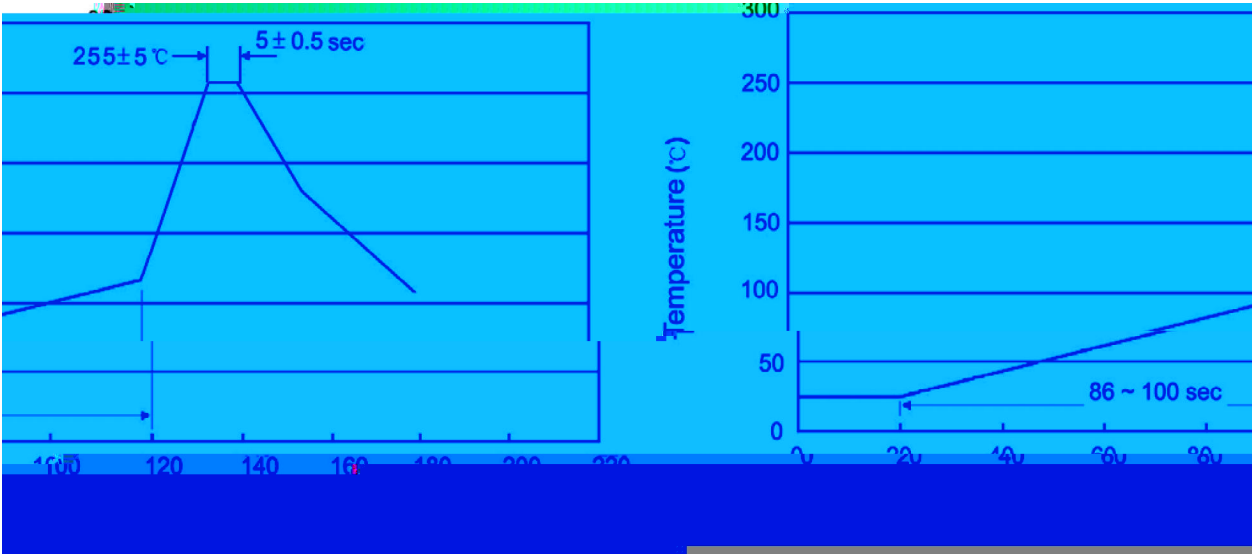
Note:

BR: Company Code.

A1145: Product Type.

Y: h_{FE} Classifications Symbol

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



- 1

25 150

60 90sec;
- 2

255 5

5 0.5sec;
- 3

2 10

/sec.

Note:

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

Time:10 1 sec

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	只 袋	袋 盒	只 盒	盒 箱	只 箱	袋	盒	箱

/ AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	只 纸带	纸带 盒	纸带层 盒	盒 箱	只 箱	盒	箱
							小箱 大箱