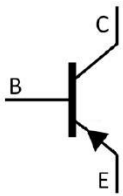


Silicon PNP transistor in a TO-92 Plastic Package.

Excellent h_{FE} linearity, complementary pair with KTC3202.

General purpose and switching application.

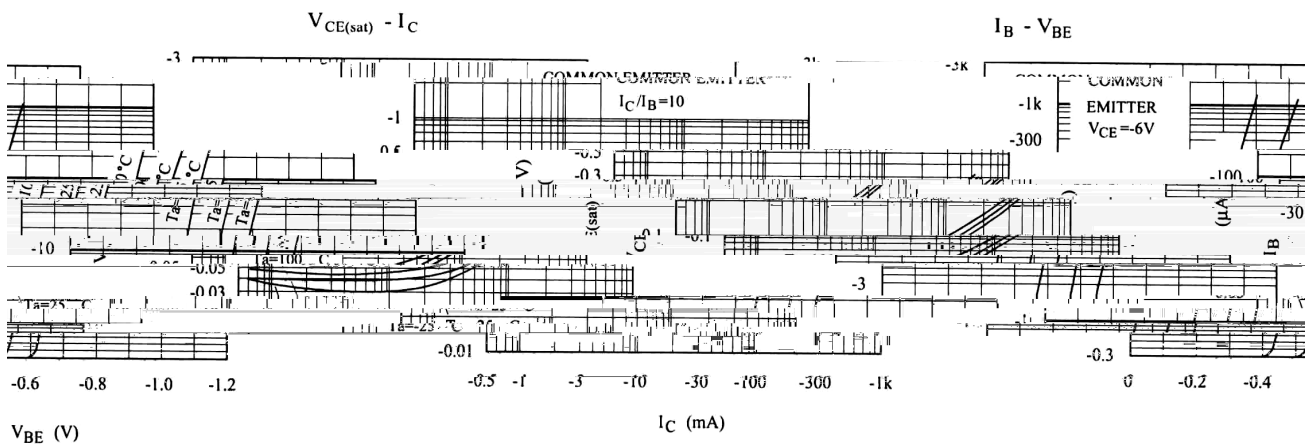
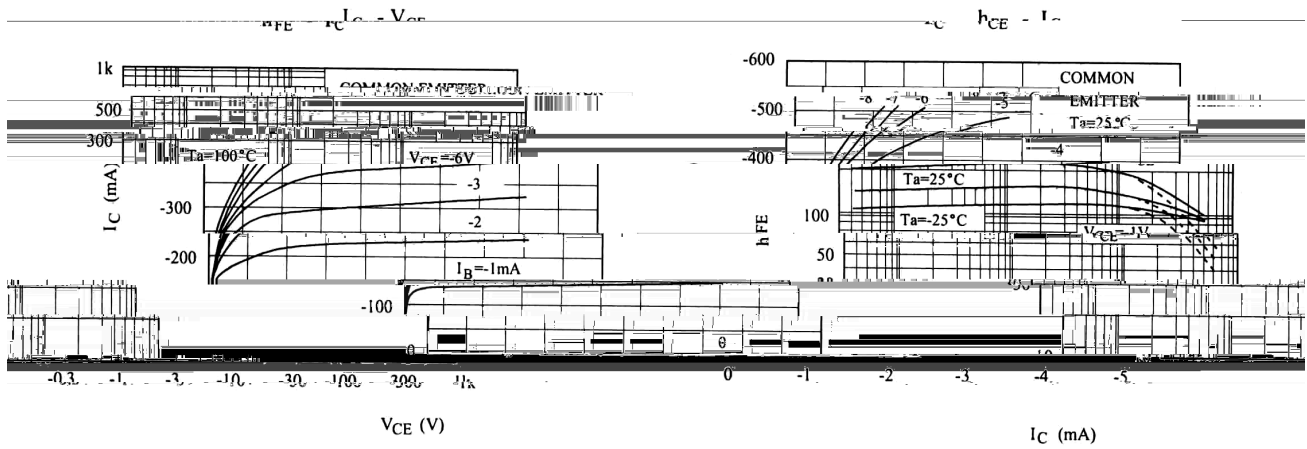


PIN1 Base PIN 2 Collector PIN 3 Emitter

h_{FE} Classifications Symbol	O	Y
h_{FE} Range	70~140	120~240

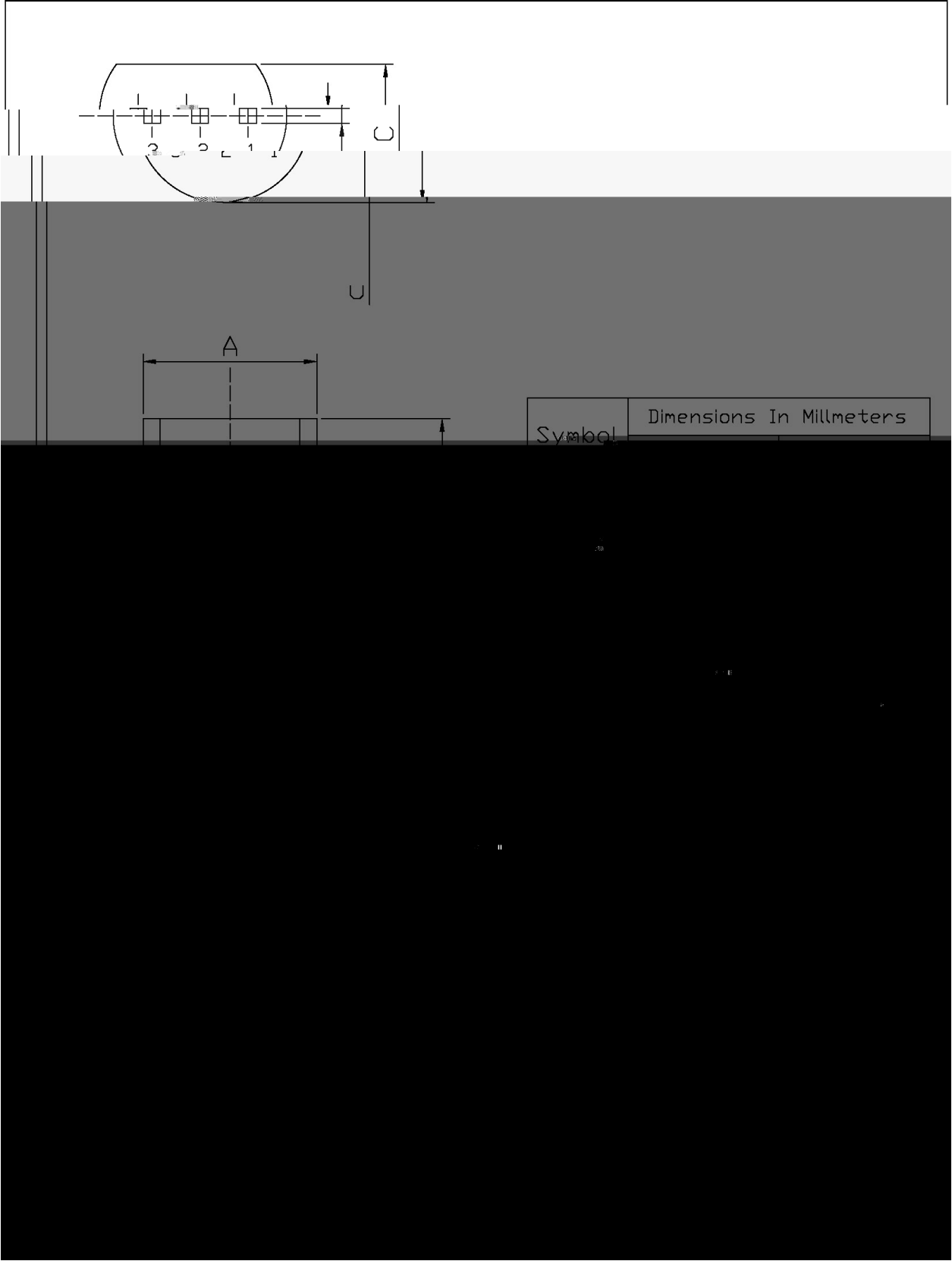
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CB0}	-35	V
Collector to Emitter Voltage	V_{CEO}	-30	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-500	mA
Emitter Current – Continuous	I_E	500	mA
Collector Power Dissipation	P_C	625	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55~150	

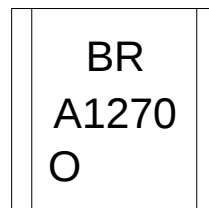
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-35V$ $I_E=0$			-0.1	μA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-5.0V$ $I_C=0$			-0.1	μA
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-1.0V$ $I_C=-100mA$	70		240	
	$h_{FE(2)}$	$V_{CE}=-6.0V$ $I_C=-400mA$	25			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-100mA$ $I_B=-10mA$		-0.1	-0.25	V
Base to Emitter Voltage	V_{BE}	$V_{CE}=-1.0V$ $I_C=-100mA$		-0.8	-1.0	V
Transition Frequency	f_T	$V_{CE}=-6.0V$ $I_C=-20mA$		200		MHz
Collector Output Capacitance	C_{ob}	$V_{CB}=-6.0V$ $I_E=0$ $f=1.0MHz$		13		pF



TO-92

Unit: mm





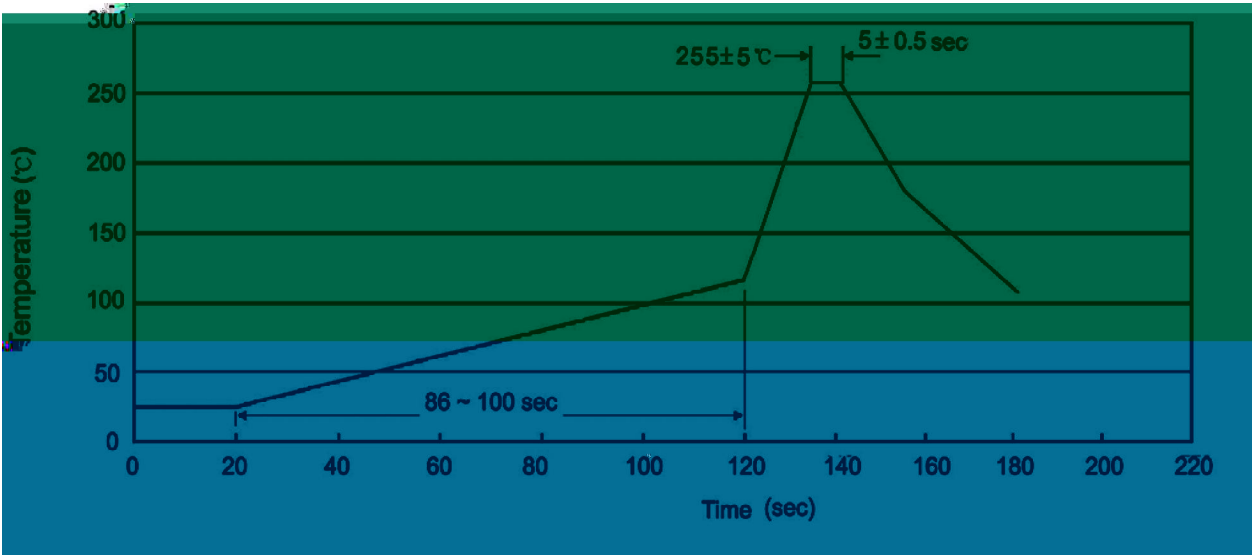
Note:

BR: Company Code.

A1270: Product Type.

O: h_{FE} Classifications Symbol

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



Note:

- 1

25 150

60 90sec;
- 2

255 5

5 0.5sec;
- 3

2 10

/sec.
- 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					