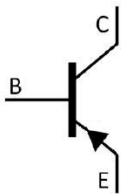


Silicon PNP transistor in a TO-92 Plastic Package.

Complementary pair with 2SC1318.

AF output amplifier and driver.

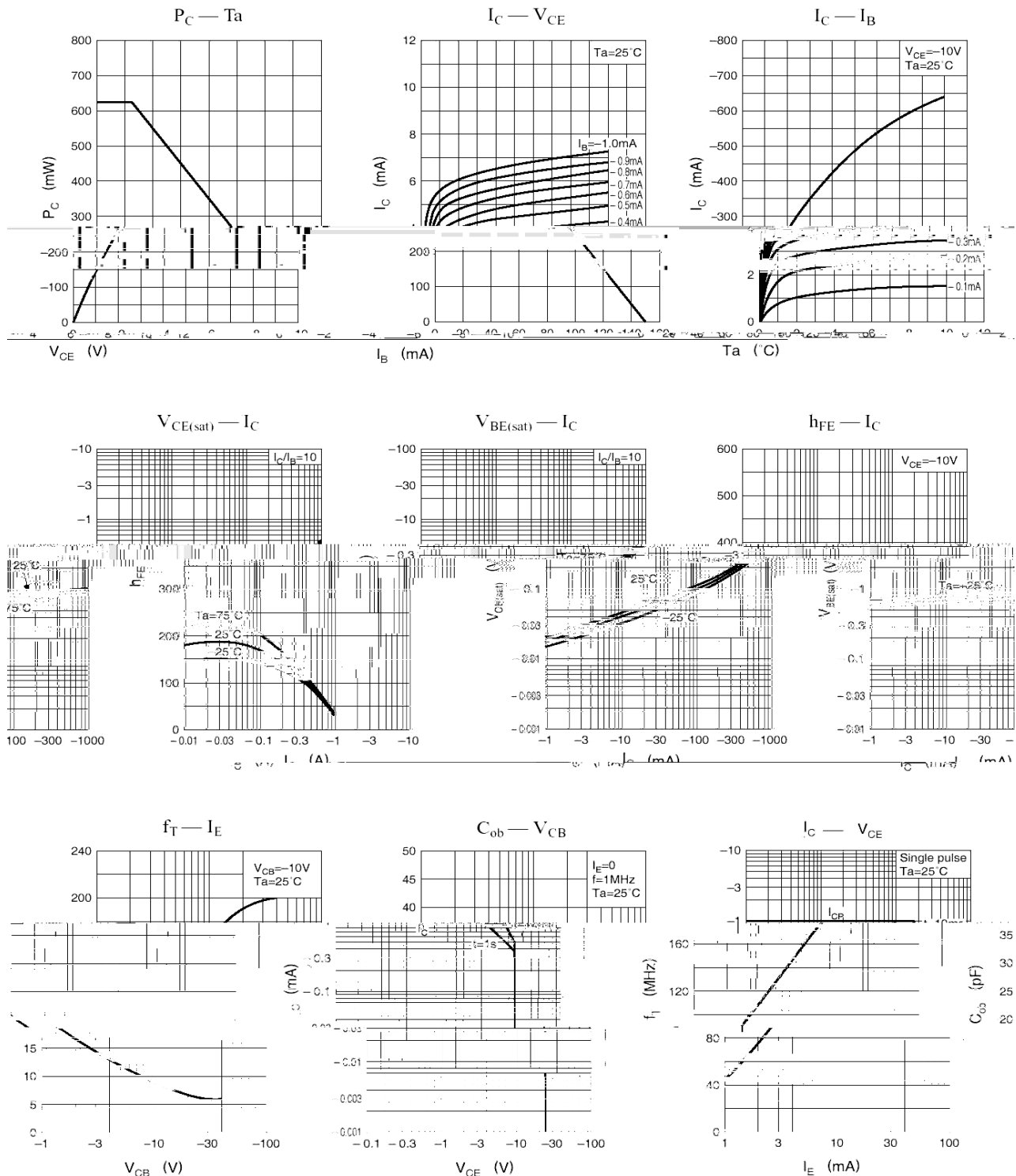


PIN1 Base PIN 2 Collector PIN 3 Emitter

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

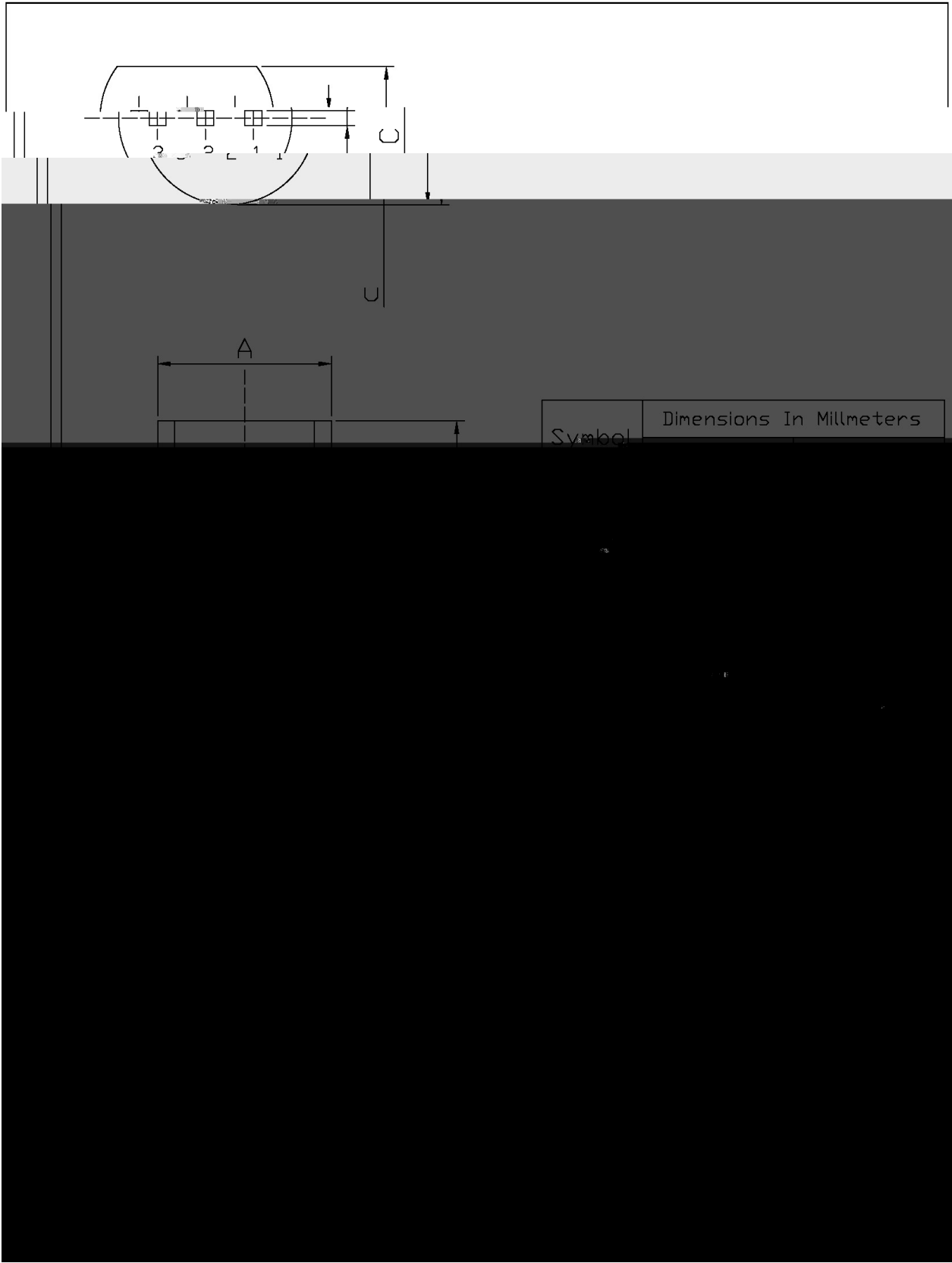
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-50	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-500	mA
Collector Current – Continuous(Pulse)	I_{CP}	-1.0	A
Collector Power Dissipation	P_C	625	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55~150	

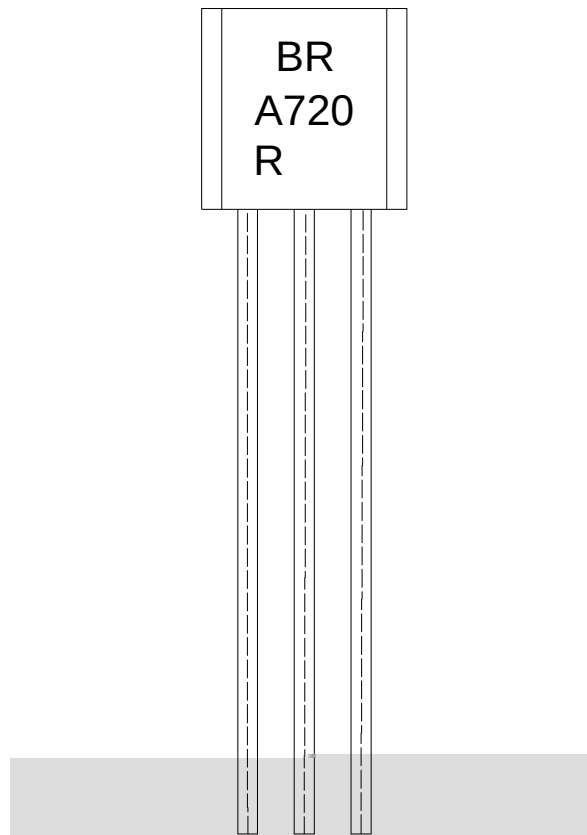
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	$I_C=-10\text{ A}$ $I_E=0$	-60			V
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=-10\text{mA}$ $I_B=0$	-50			V
Emitter to Base Breakdown Voltage	V_{EBO}	$I_E=-10\text{ A}$ $I_C=0$	-5.0			V
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-20\text{V}$ $I_E=0$			-0.1	A
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-10\text{V}$ $I_C=-150\text{mA}$	85		340	
	$h_{FE(2)}$	$V_{CE}=-10\text{V}$ $I_C=-500\text{mA}$	40			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-300\text{mA}$ $I_B=-30\text{mA}$		-0.35	-0.6	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=-300\text{mA}$ $I_B=-30\text{mA}$		-1.1	-1.5	V
Transition Frequency	f_T	$V_{CE}=-10\text{V}$ $I_C=-50\text{mA}$		200		MHz
Collector Output Capacitance	C_{ob}	$V_{CB}=-10\text{V}$ $I_E=0$ $f=1.0\text{MHz}$		6.0	15	pF



T0-92

Unit: mm





h_{FE}

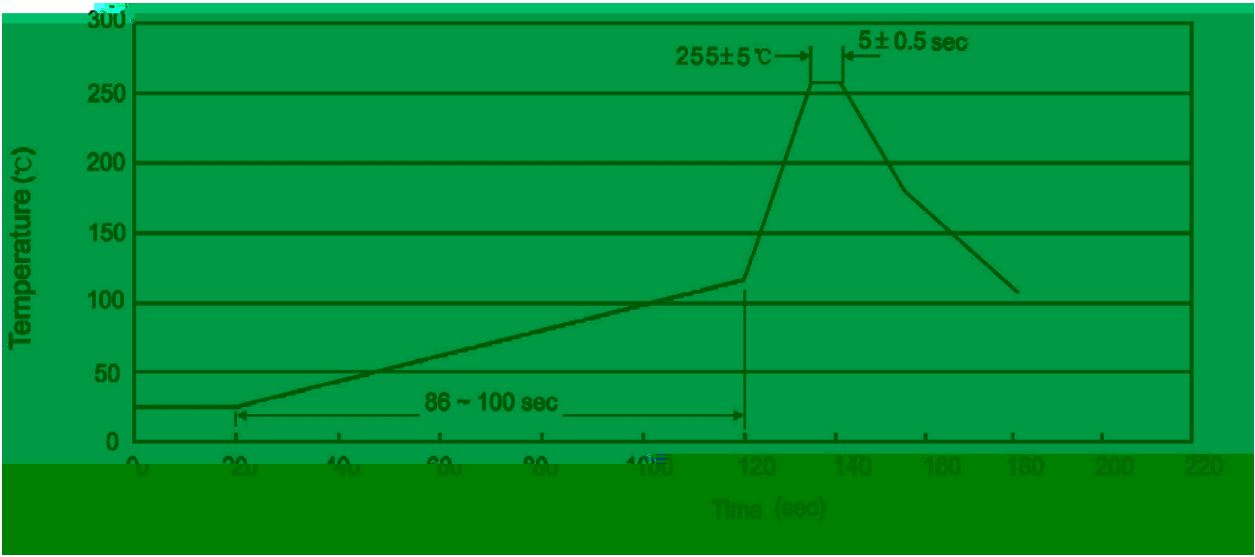
Note:

BR: Company Code.

A720: Product Type.

R: 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	纸带层 盒	盒 箱	只 箱	盒	箱
							小箱 , 大箱