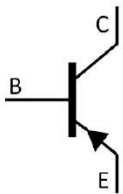


TO-92 PNP Silicon PNP transistor in a TO-92 Plastic Package.

, 2SC3478

High breakdown voltage, good h_{FE} linearity, complementary to 2SC3478.

General purpose amplifier applications requiring high breakdown voltages.

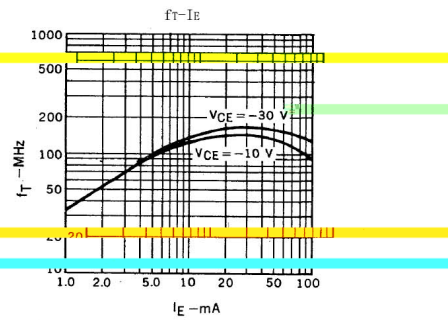
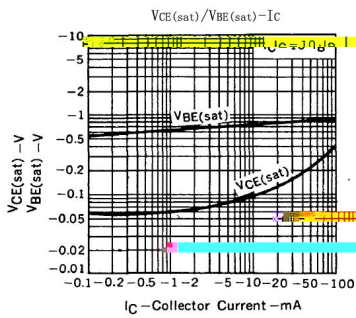
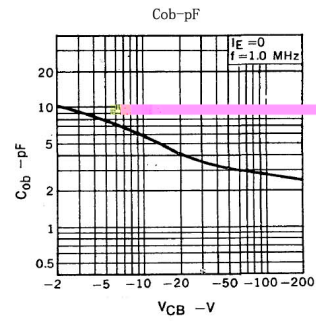
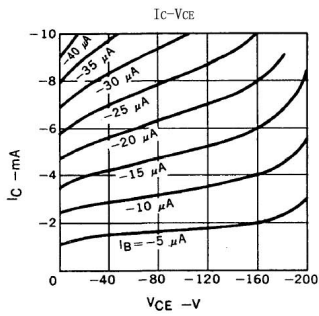
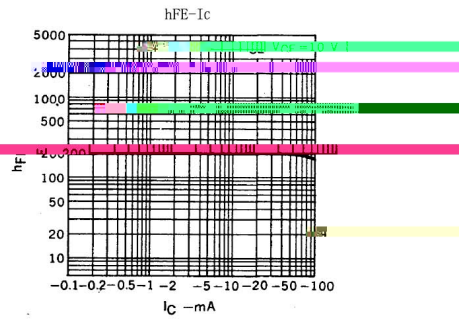
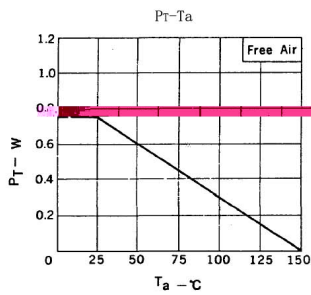
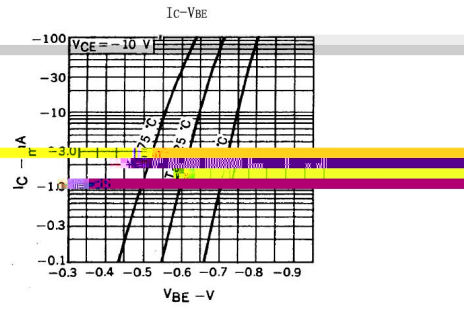
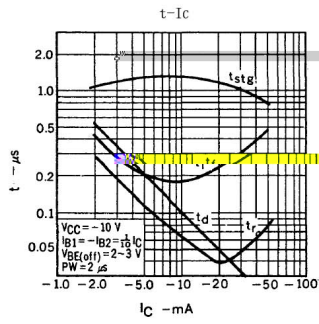


PIN1 Base PIN 2 Collector PIN 3 Emitter

h_{FE} Classifications Symbol	L	K	U
h_{FE} Range	135~270	200~400	300~600

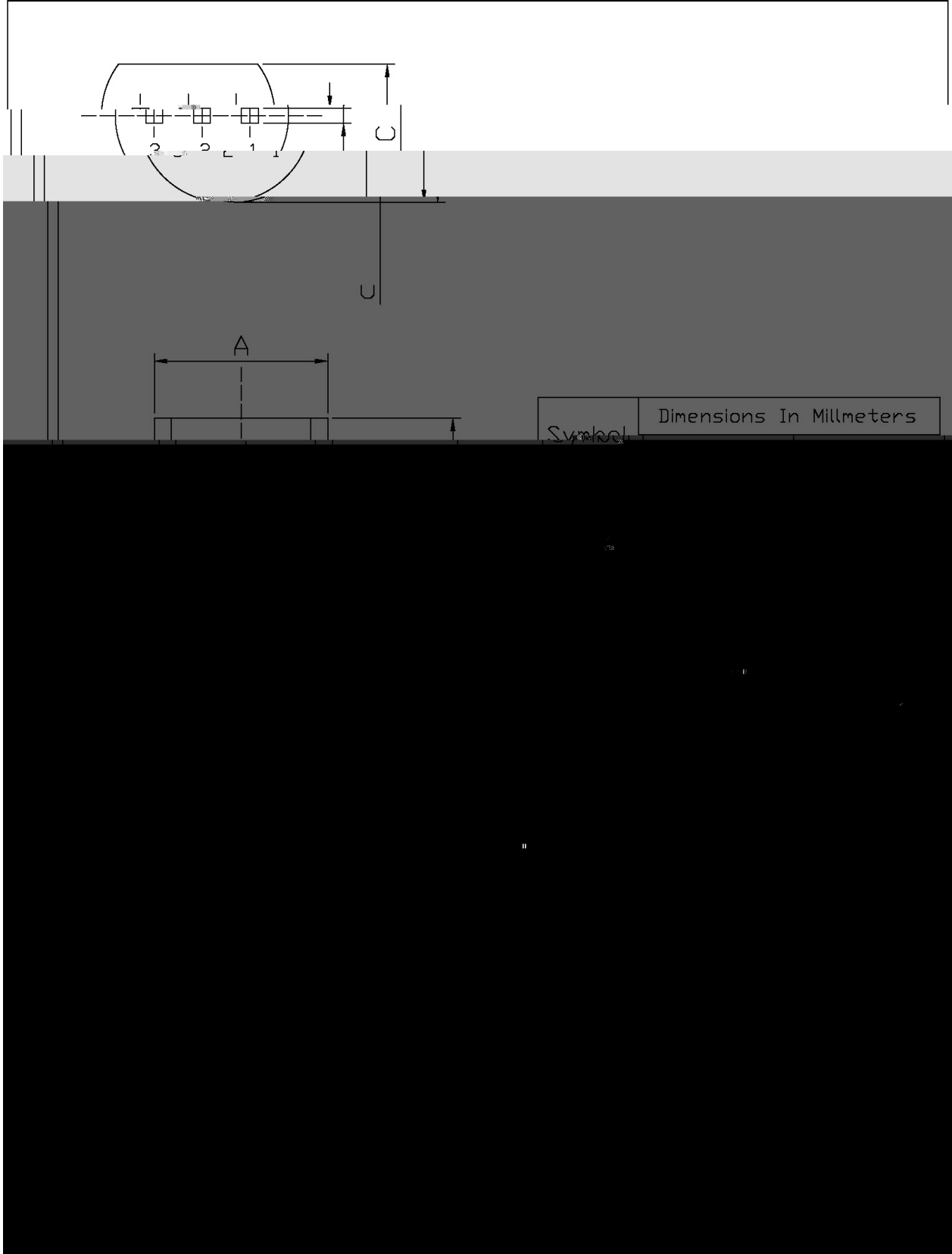
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-200	V
Collector to Emitter Voltage	V_{CEO}	-180	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-100	mA
Collector Current – Continuous(Pulse)	I_{CP}	-200	mA
Base Current - Continuous	I_B	-20	mA
Collector Power Dissipation	P_C	750	mW
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55~150	°C

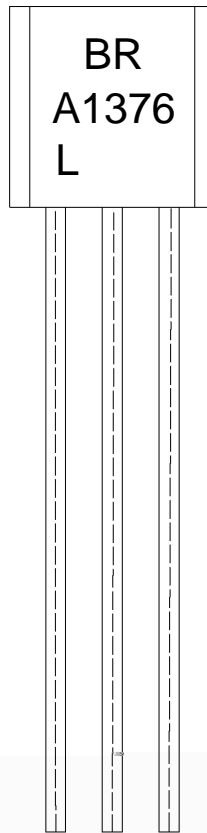
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-200V$ $I_E=0$			-100	nA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-4.0V$ $I_C=0$			-100	nA
DC Current Gain	h_{FE}	$V_{CE}=-10V$ $I_C=-10mA$	135		600	
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-50mA$ $I_B=-5.0mA$		-0.2	-0.3	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=-50mA$ $I_B=-5.0mA$		-0.8	-1.2	V
Base to Emitter Voltage	V_{BE}	$V_{CE}=-10V$ $I_C=-10mA$	-600	-650	-700	mV
Transition Frequency	f_T	$V_{CE}=-10V$ $I_E=10mA$	80	120		MHz
Collector Output Capacitance	C_{ob}	$V_{CB}=-30V$ $I_F=0$ $f=1.0MHz$				



T0-92

Unit: mm





BR:

A1376

L: h_{FE}

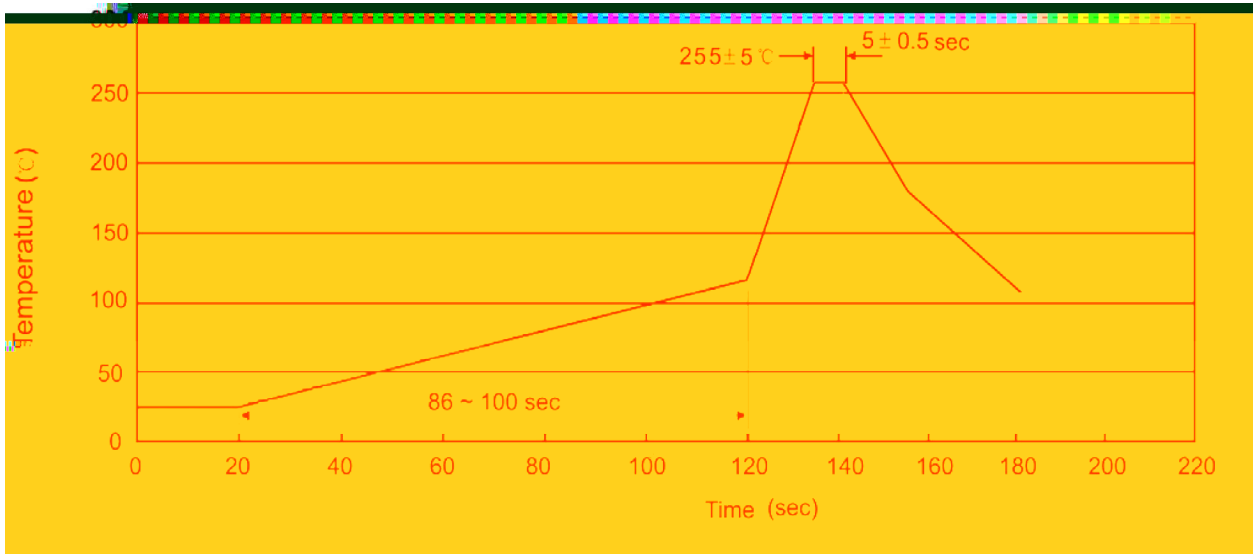
Note:

BR: Company Code.

A1376: Product Type.

L: 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°C

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