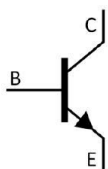


TO-92 NPN Silicon NPN transistor in a TO-92 Plastic Package.

Small noise figure, high power gain, high f_T .

UHF low-noise amplifiers, wide-band amplifiers.



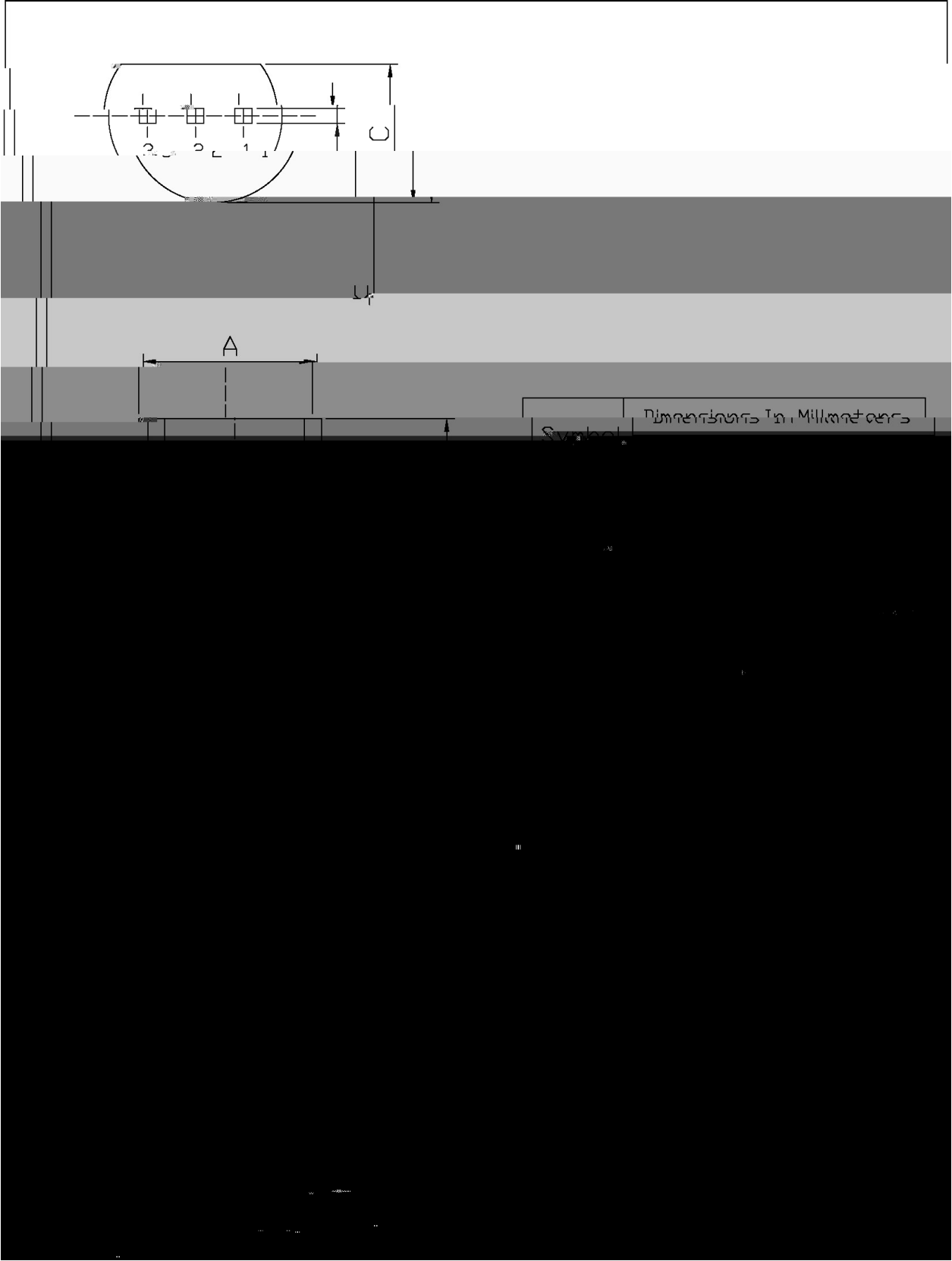
PIN1 Collector PIN 2 Emitter PIN 3 Base

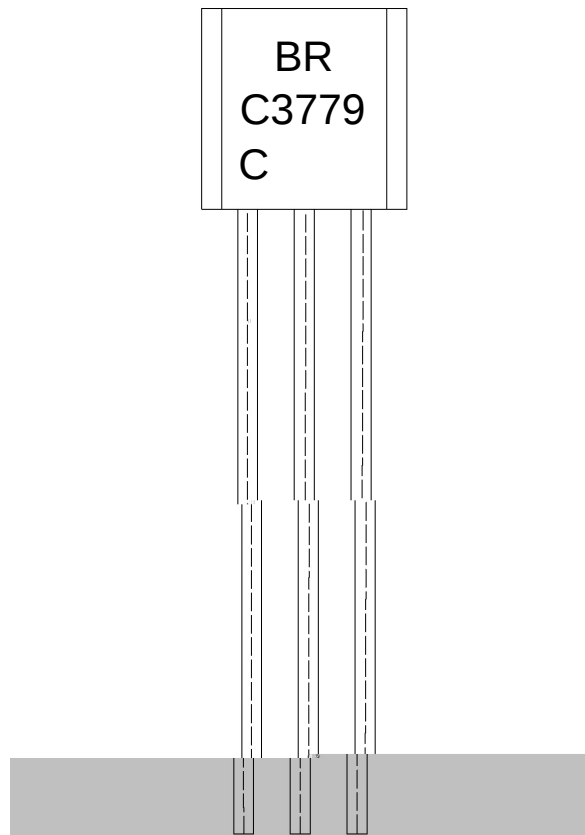
h_{FE} Classifications Symbol	C	D	E
h_{FE} Range	40~80	60~120	100~200

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	20	V
Collector to Emitter Voltage	V_{CEO}	12	V
Emitter to Base Voltage	V_{EBO}	3.0	V
Collector Current - Continuous	I_C	100	mA
Base Current - Continuous	I_B	40	mA
Collector Power Dissipation	P_C	600	mW
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55 150	

TD-92

Unit: mm





BR:

C3779

C: h_{FE}

Note:

BR: Company Code.

C3779: Product Type.

C: 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	Units	Dimension	(unit mm3)
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