2SC3779

Rev.E Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

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

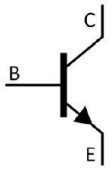
/ Features

Small noise figure, high power gain, high f_T.

/ Applications

UHF low-noise amplifiers, wide-band amplifiers.

/ Equivalent Circuit



/ Pinning



PIN1 Collector PIN 2 Emitter PIN 3 Base

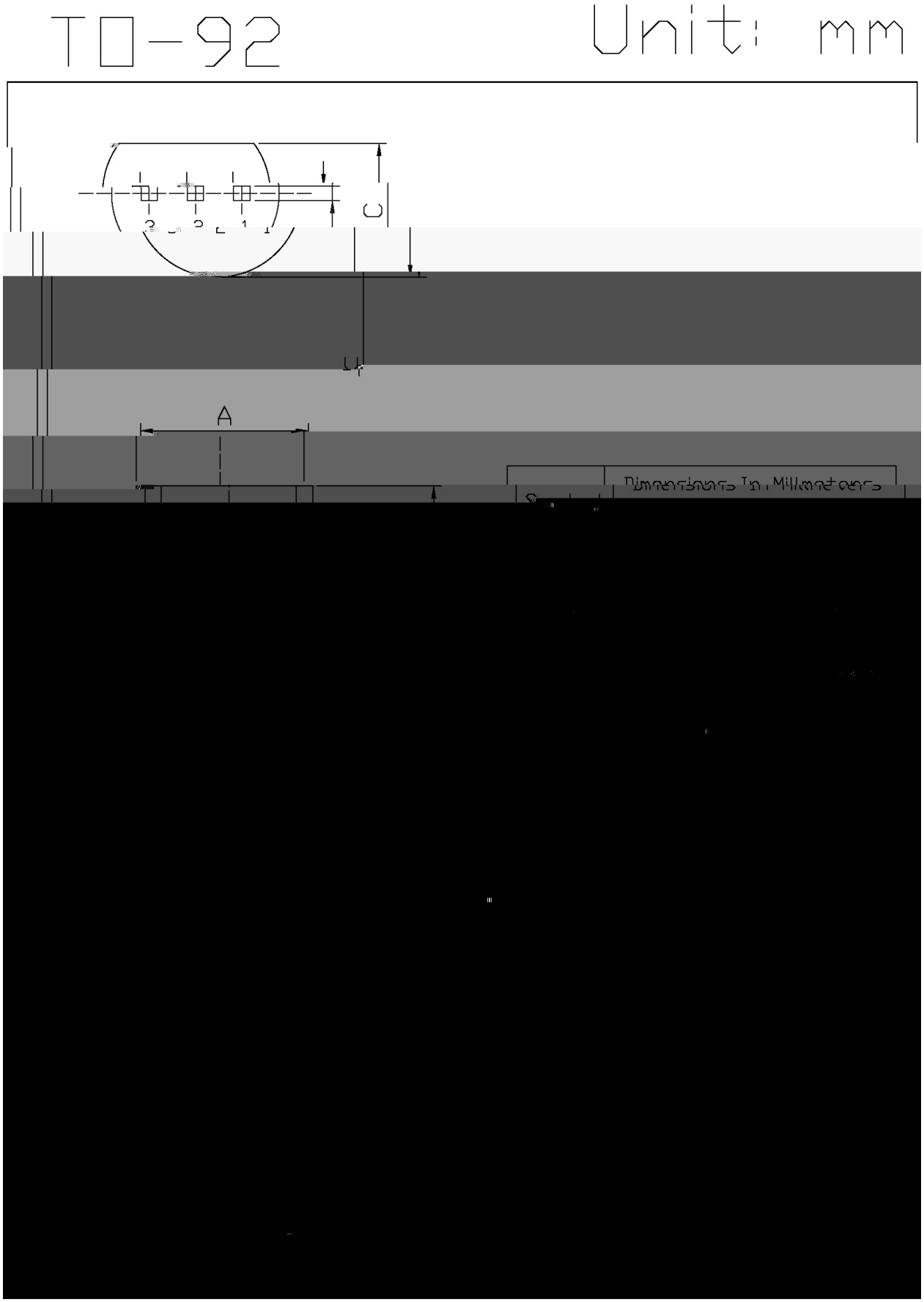
/ hFE Classifications & Marking

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

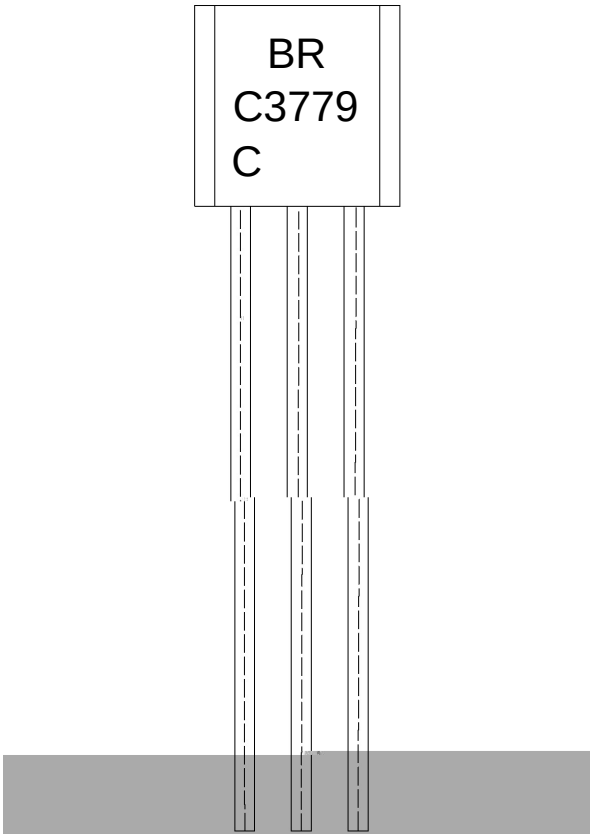
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	20	V
Collector to Emitter Voltage	V_{CEO}	12	V
Emitter to Base Voltage	V_{EBO}	3.0	V
Collector Current - Continuous	I_C	100	mA
Base Current - Continuous	I_B	40	mA
Collector Power Dissipation	P_C	600	mW
Junction Temperature	T_j	150	
Storage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

2SC3779

/ Package Dimensions



/ Marking Instructions



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.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



				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.

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp:270±5	Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units	Dimension	(unit mm3)