2SA1018

Rev.E Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

Silicon PNP transistor in a TO-92 Plastic Package.

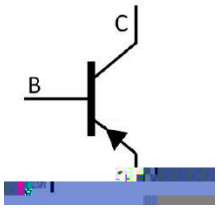
/ Features

High V_{CEO}, Complementary pair with 2SC1473.

/ Applications

General amplifier.

/ Equivalent Circuit



/ Pinning



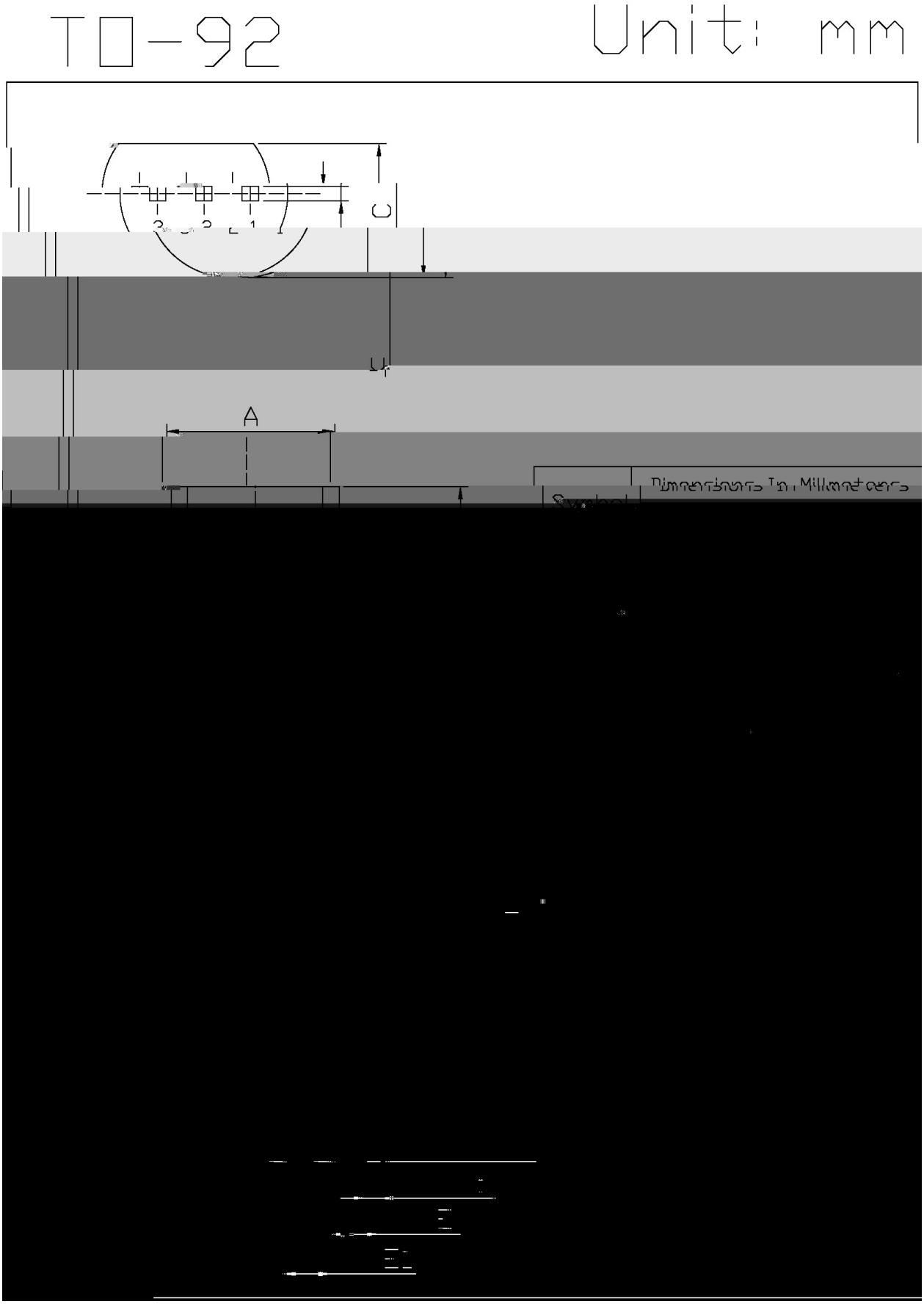
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ hFE Classifications & Marking

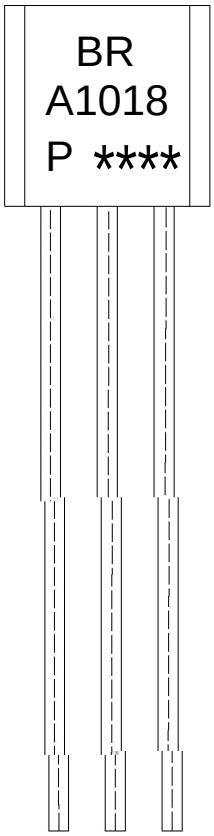
h_{FE} Classifications Symbol	P	Q	R
h_{FE} Range	30~100	60~150	100~220

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-250	V
Collector to Emitter Voltage	V_{CEO}	-200	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-70	mA
Collector Current – Continuous(Pulse)	I_{CP}	-100	mA
Collector Power Dissipation	P_C	750	mW

/ Package Dimensions



/ Marking Instructions

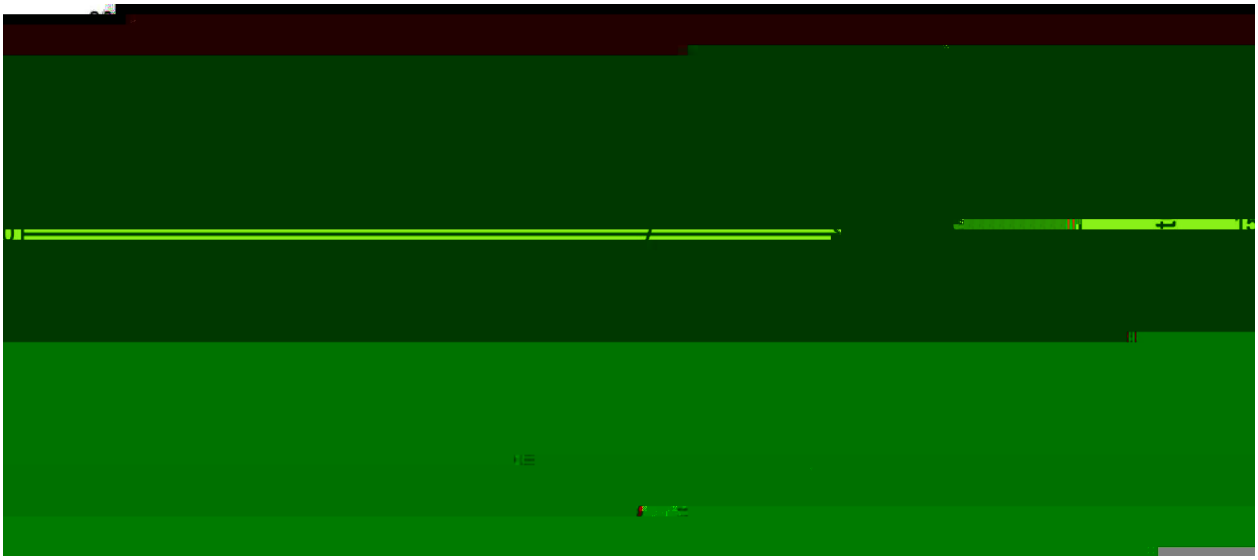


h_{FE}

Note:

BR:	Company Code.
A1018:	Product Type.
P:	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)
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-92	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195
	1,000	10	10,000	10	100,000	135×190	237×172×102	560×245×375

/ AMMO

Package Type	Units					Dimension	(unit mm3)
	Units/tape /	Tape/Inner Box /	Rows/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Inner Box	Outer Box
TO-92	3,000	1	120	10	30,000	328×230×42	480×346×235 547×407×268

/ Notices