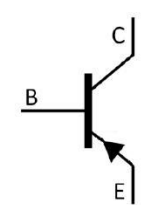


/ Descriptions

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

High h_{FE} .
High h_{FE} .

General amplifier application.



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

Parameter	Symbol		Rating	Unit
Collector to Base Voltage	V_{CBO}	2SA564	-25	V
		2SA564A	-45	
Collector to Emitter Voltage	V_{CEO}	2SA564	-25	V
		2SA564A	-45	
Emitter to Base Voltage	V_{EBO}		-7.0	V
Collector Current - Continuous	I_C		-100	mA
Collector Current – Continuous(Pulse)	I_{CP}		-200	mA
Collector Power Dissipation	P_C		400	mW
Junction Temperature	T_j		150	
Storage Temperature Range	T_{stg}		-55 150	

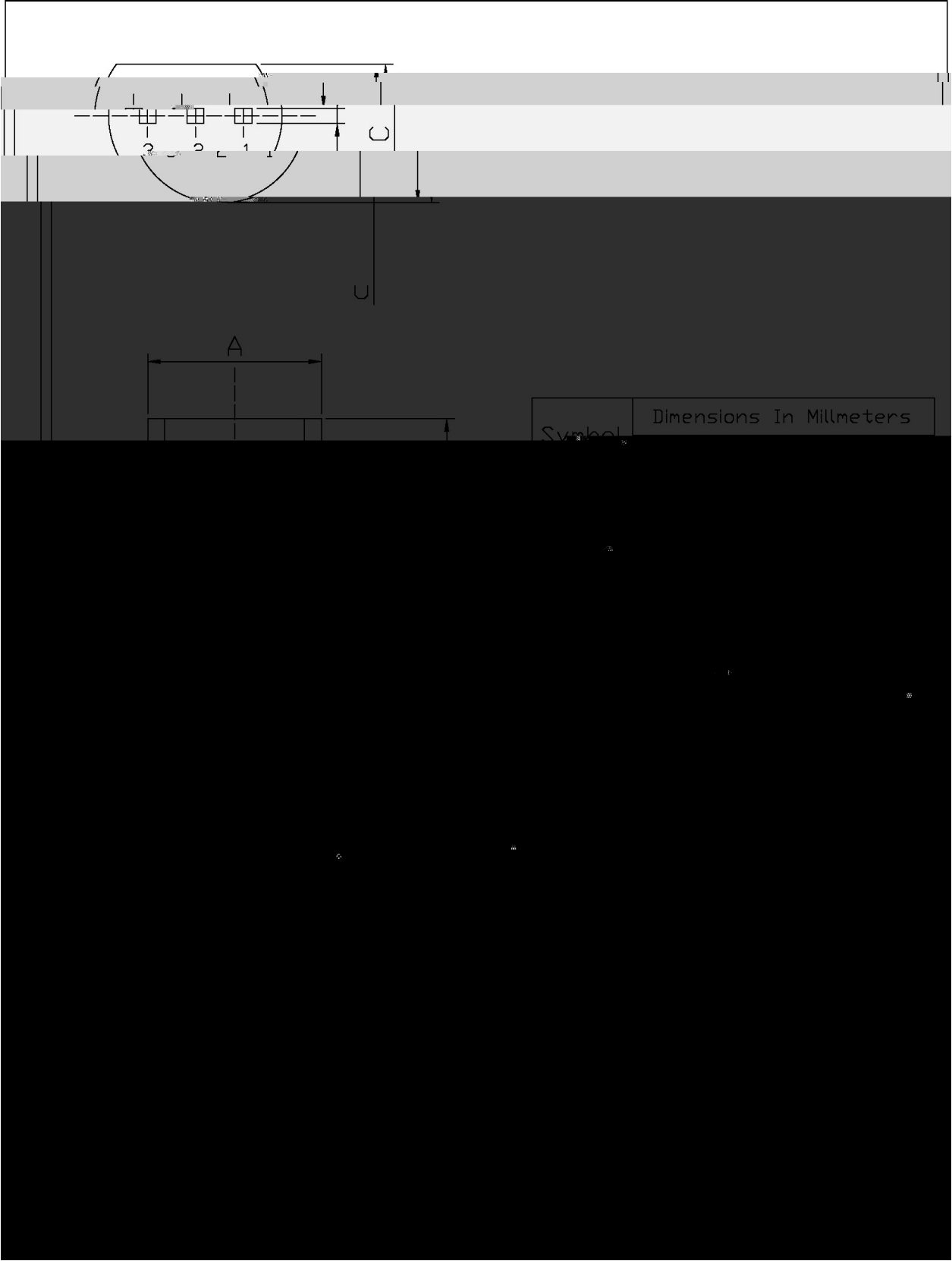
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-10V$ $I_E=0$		-0.001	-1.0	μA
Collector Cut-Off Current	I_{CEO}	$V_{CE}=-10V$ $I_B=0$			-10	μA

Collector to Base

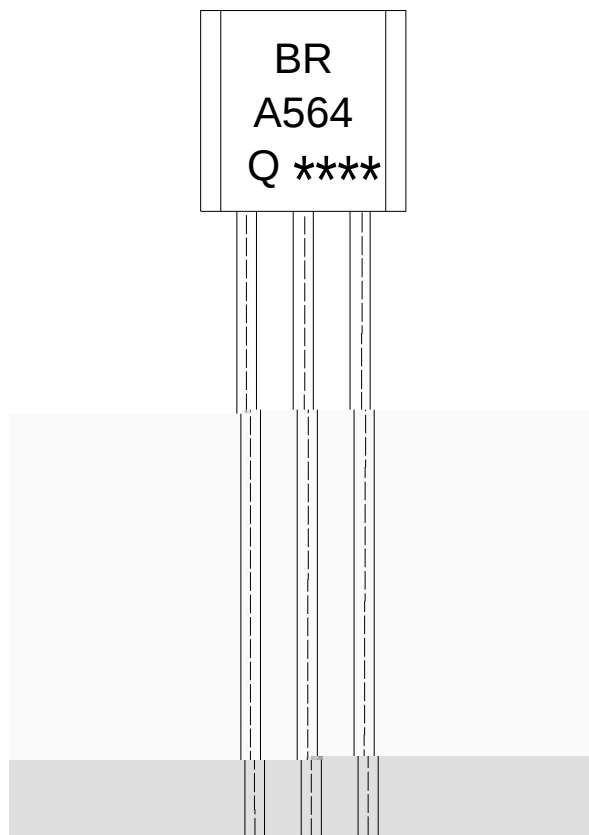
/ Package Dimensions

TO-92

Unit: mm



/ Marking Instructions



BR:

A564

Q:

h_{FE}

Note:

BR:

Company Code.

A564:

Product Type.

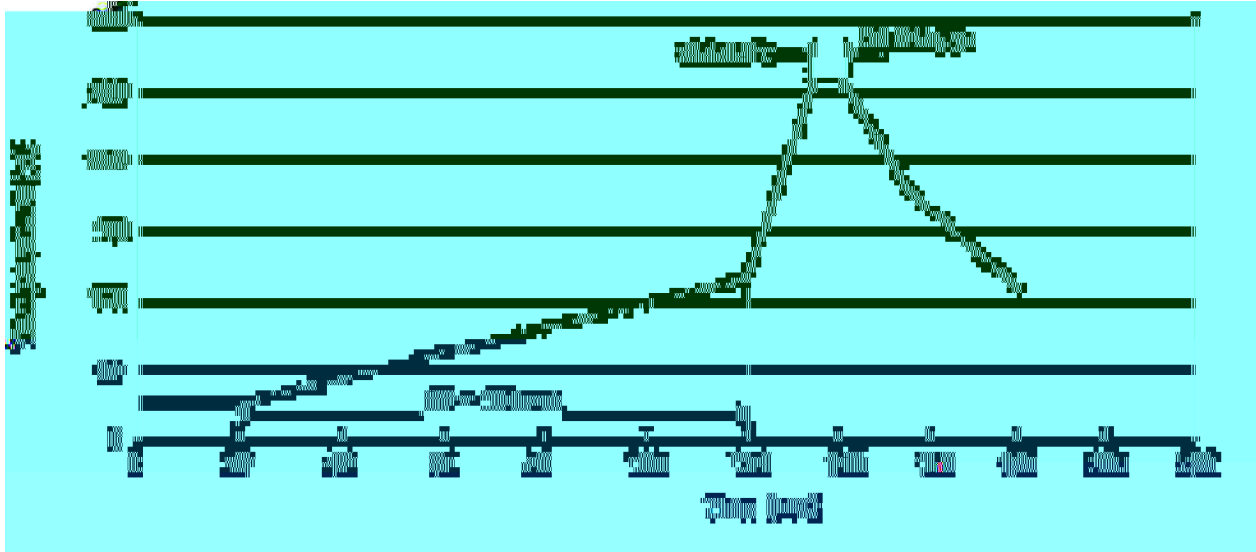
Q:

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