

# BC549

Rev.E Mar.-2016

## / Descriptions

KF \$O) ž ž E GE Silicon NPN transistor in a TO-92(R) Plastic Package.

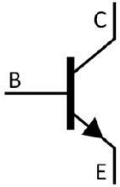
## / Features

High Voltage, Low Noise.

## / Applications

General purpose and switching application.

## / Equivalent Circuit



## / Pinning



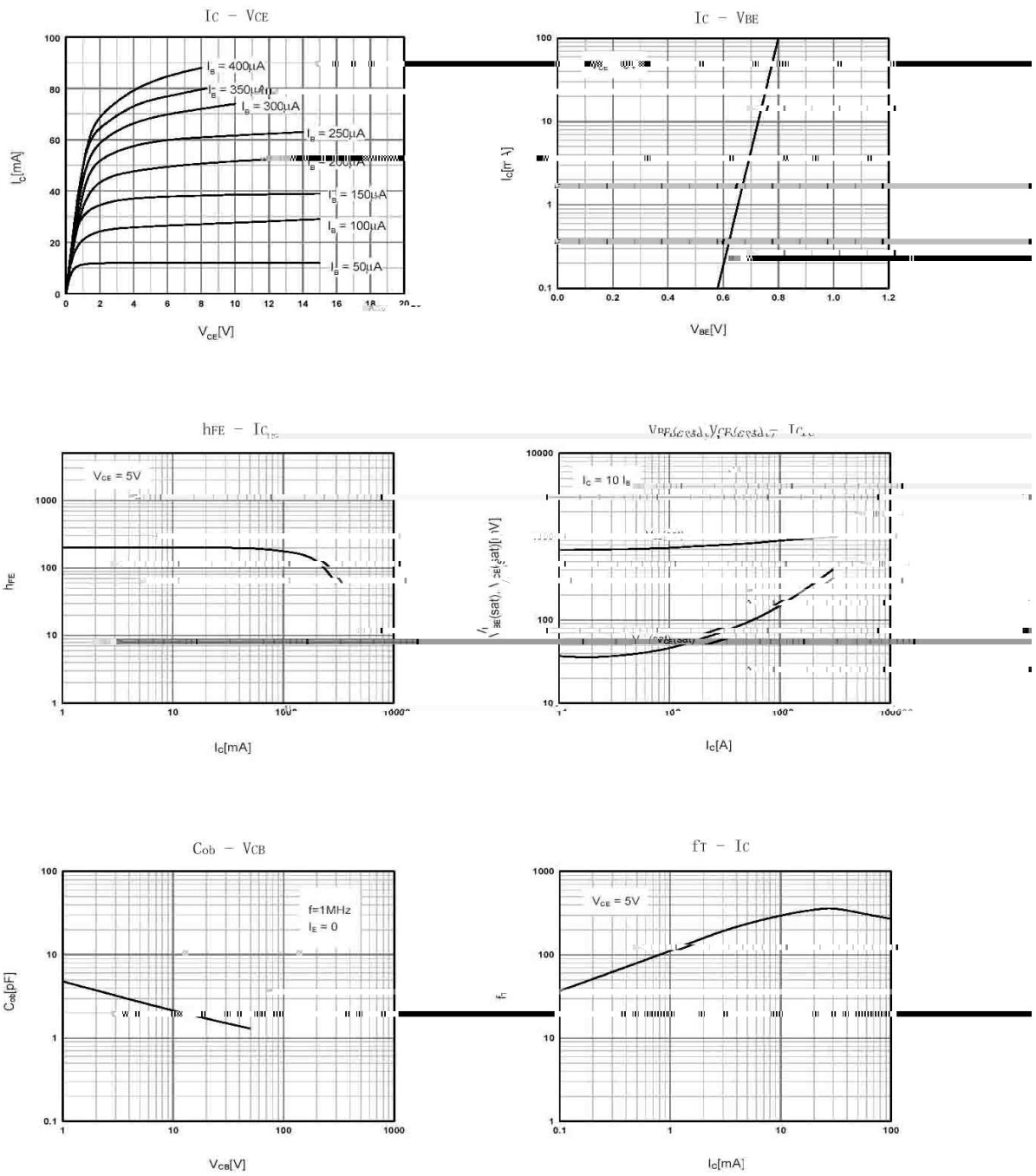
PIN1 Emitter      PIN 2 Base      PIN 3 Collector

## / h<sub>FE</sub> Classifications & Marking

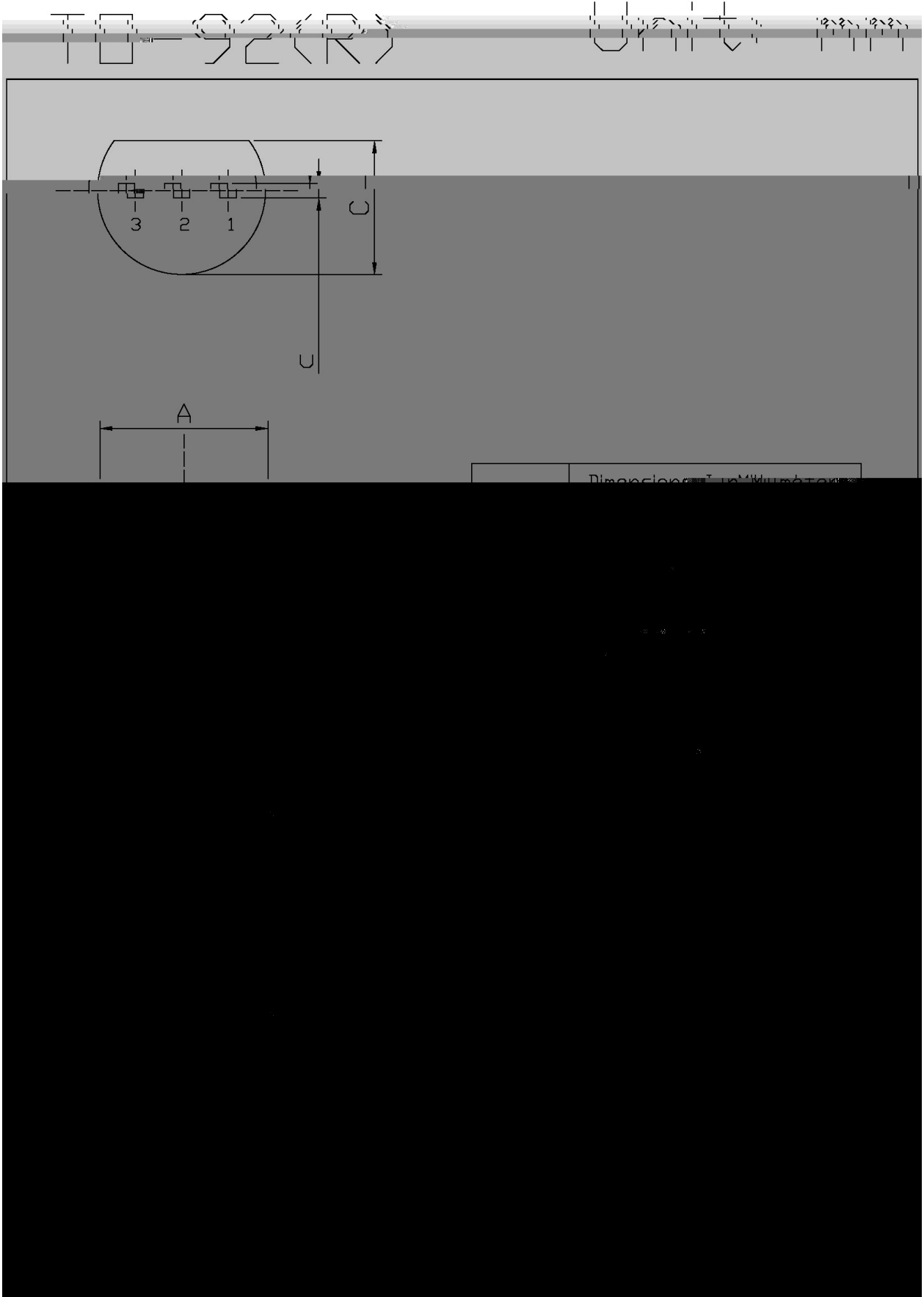
h <sub>FE</sub> Classifications Symbol	A	B	C
h <sub>FE</sub> Range			

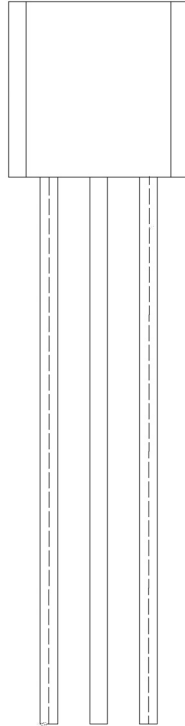


**/ Electrical Characteristic Curve**



**/ Package Dimensions**





( ) / 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