

KF \$) CD                      E GE                      Silicon NPN transistor in a TO-92LM Plastic Package.

#                      # BK8() / (

Low saturation voltage, high speed switching time, complementary to KTA1281.

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Power amplifier and switching applications.



PIN1 Base                      PIN 2 Collector                      PIN 3 Emitter

$h_{FE}$ Classifications Symbol	O	Y
$h_{FE}$ Range	70~140	120~240

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	50	V
Collector to Emitter Voltage	$V_{CEO}$	50	V
Emitter to Base Voltage	$V_{EBO}$	5.0	V
Collector Current - Continuous	$I_C$	2.0	A
Emitter Current - Continuous	$I_E$	-2.0	A
Collector Power Dissipation	$P_C$	1	W
Junction Temperature	$T_j$	150	

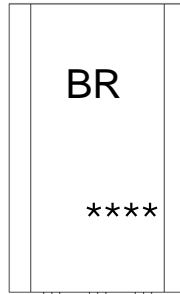
Storage Temperature Range

 $T_{stg}$ 

 Typ. Collector Power Dissipation: 1 W  
 Typ. Collector Current: 2.0 A  
 Typ. Emitter Current: -2.0 A  
 Typ. Junction Temperature: 150°C  
 Typ. Storage Temperature Range: -55°C to 150°C  
 Part Number: BR1009.14-1390



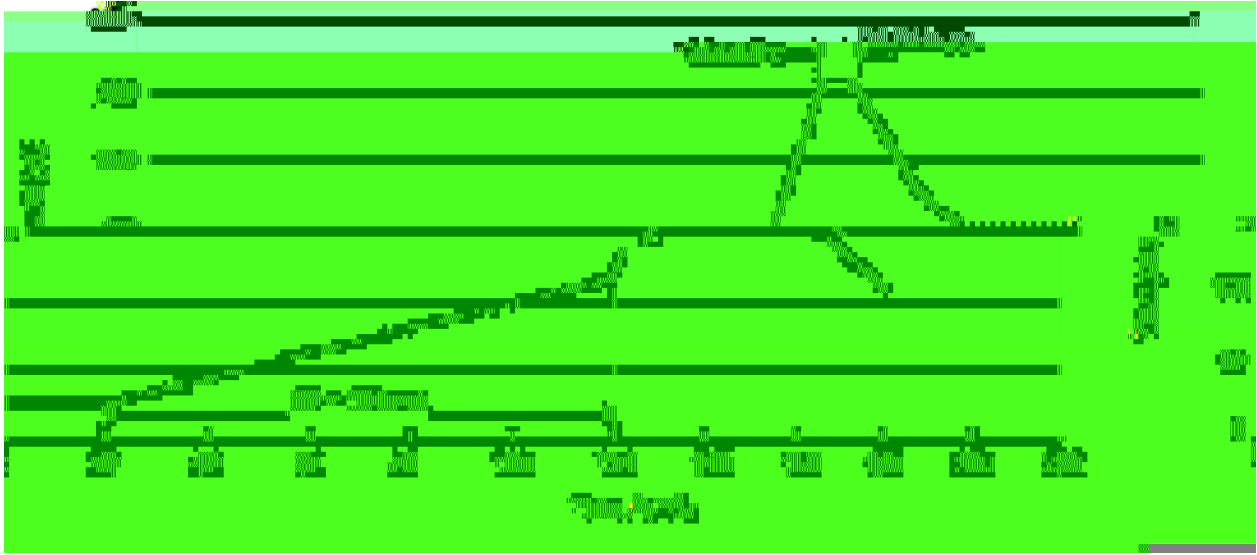
Rev.E Mar.-2016



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Note:

- BR: Company Code.
- C3209: Product Type.
- O:  $h_{FE}$  Classifications Symbol
- \*\*\*\*: Lot No. Code,code change with Lot No.


**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.              |

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

## / BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-92LM	1,000	8	8,000	5	40,000	135×190	237×172×102	560×245×195

## / AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	Units/tape 只/纸带	Tape/Inner Box 纸带/盒	Rows/Inner Box 纸带层/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Inner Box 盒	Outer Box 箱
TO-92LM	2,500	1	100	10	25,000	328×230×42	小箱 480×346×235 大箱 547×407×268