

Low collector saturation, high speed switching time, complementary to KTC3209.



PIN1 χ Base PIN 2 χ Collector -1382alec4lec040607e71 Tf2.2229 0 TD0 Tf1 Tf2.2229 0 T4MarE73



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
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter

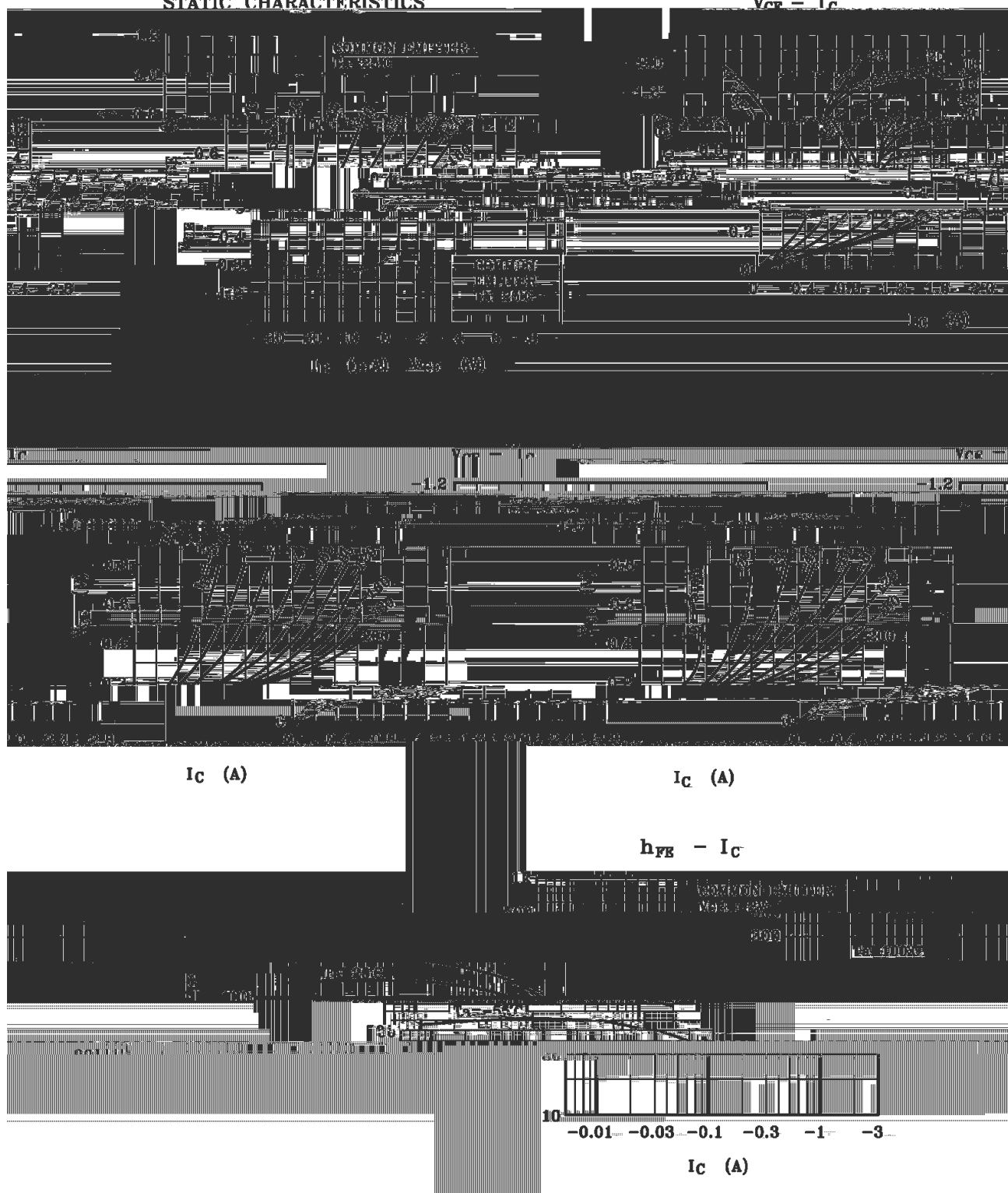
Symbol

Test Conditions

Min

/ Electrical Characteristic Curve

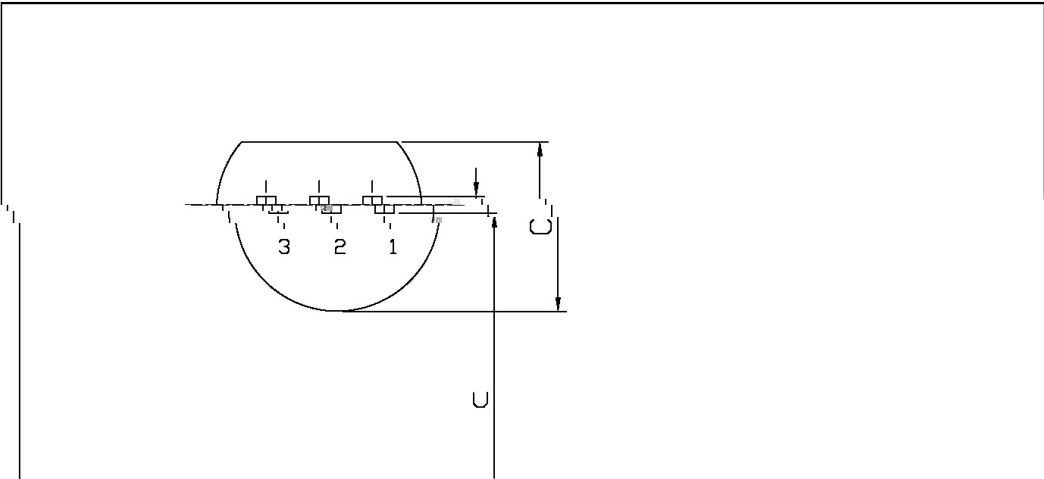
STATIC CHARACTERISTICS



/ Package Dimensions

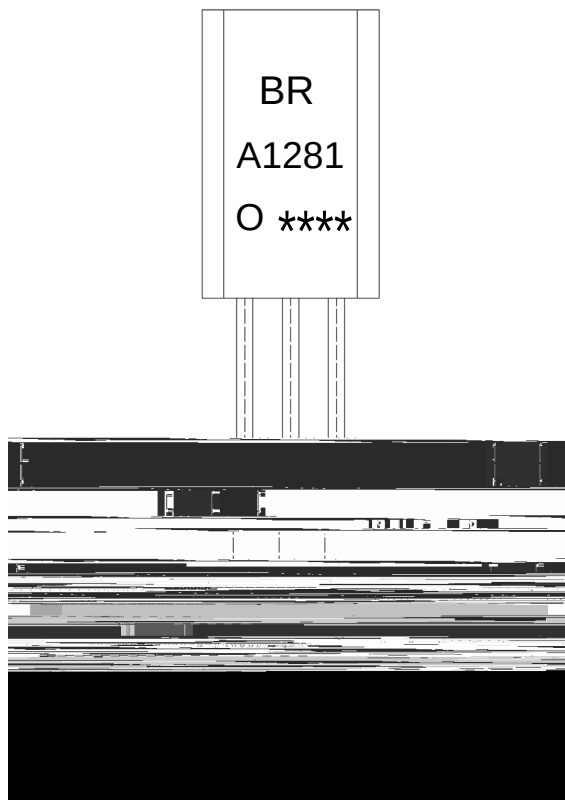
TO-92LM

Unit: mm



Symbol	Dimensions In Millimeters	
	Min	Max
A	4.7	5.1
C	1.2	1.5
U	0.5	0.8
Pin 1	0.5	0.8
Pin 2	0.5	0.8
Pin 3	0.5	0.8

/ Marking Instructions



б " X

EU: ㄣ 3 " ㄣ

D45 ; 4 X ㄣ 3 " ㄣ

R: ㄣ k_{IH} ' ° ㄣ

---- X ㄣ 1 F ㄣ " ㄣ 1 ㄣ 1 F ㄣ " ㄣ ㄣ

Note:

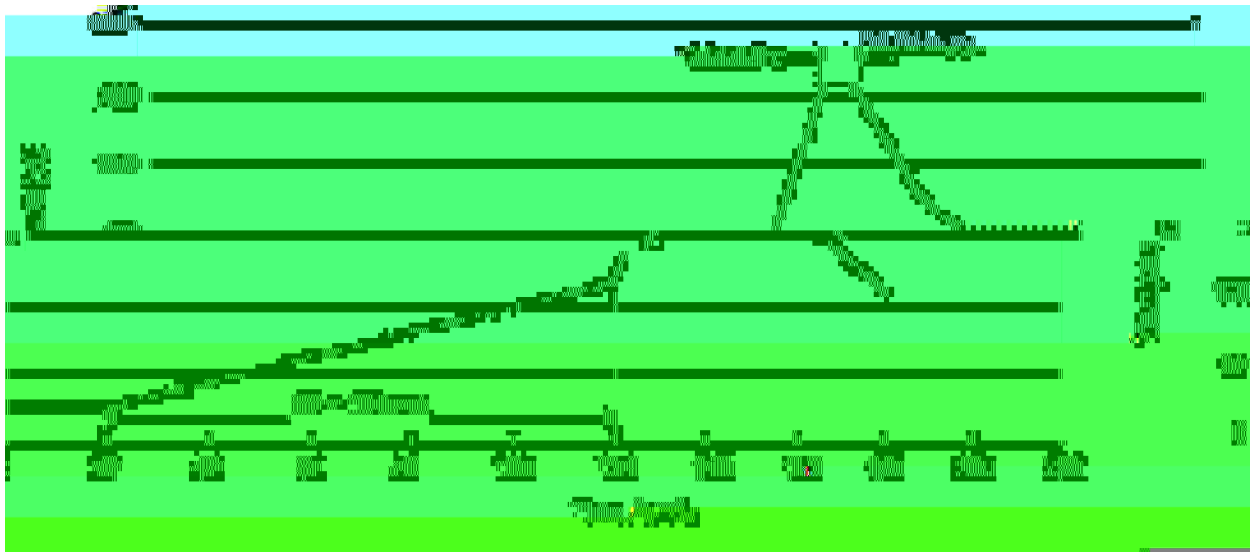
BR: Company Code.

A1281: Product Type.

O: h_{FE} Classifications Symbol

****: Lot No. Code,code change with Lot No.

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



说明

1. 预加热: 25~150 °C, 时间: 60~90sec;
2. 峰值温度: 255 °C, 持续时间: 5 °C 0.5sec;
3. 冷却速度: 2~10 °C /sec.

Note:

- 1.Preheating:25~150 °C , Time:60~90sec.
- 2.Peak Temp.:255 °C , Duration:5 °C 0.5sec.
3. Cooling Speed: 2~10 °C /sec.

/ Resistance to Soldering Heat Test Conditions

说明: 270 °C, 10 °C 1 sec. Temp.:270 °C Time:10 °C 1 sec

/ Packaging SPEC.

说明: / 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-92LM	1,000	8	8,000	5	40,000	135×190	237×172×102	560×245×195

说明: / 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-92LM	2,500	1	100	10	25,000	328×230×42	480×346×235 547×407×268

/ Notices