

2016

NPN

Silicon NPN transistor in a TO-92 Plastic Package.

Transistor.

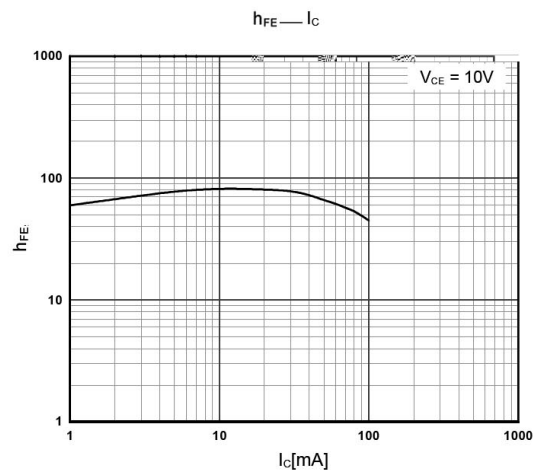
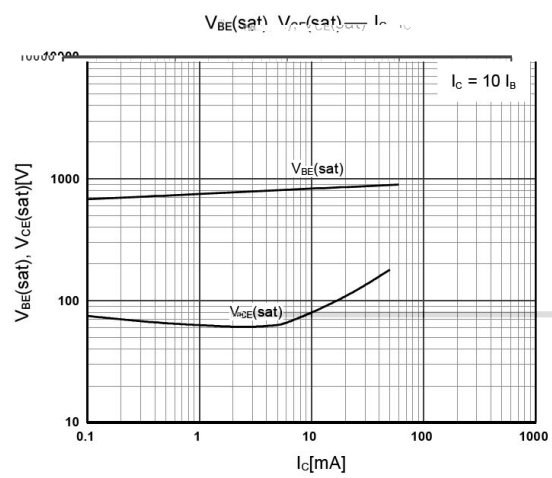
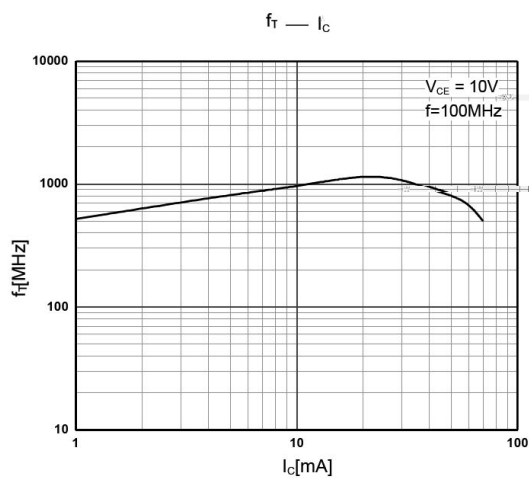
amplifier applications.

# KSP10

Rev.E Mar.-2016

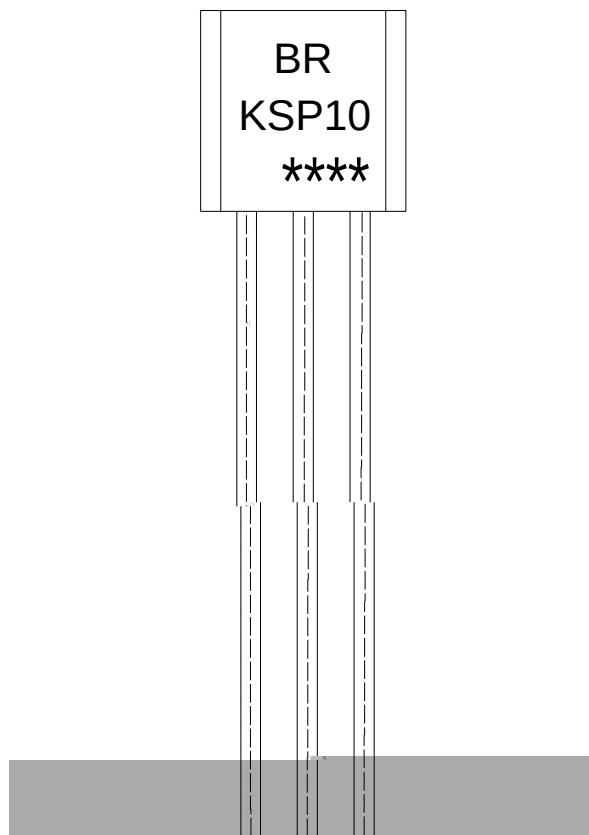
| Parameter                    | Symbol    | Rating | Unit |
|------------------------------|-----------|--------|------|
| Collector to Base Voltage    | $V_{CBO}$ | 30     | V    |
| Collector to Emitter Voltage | $V_{CEO}$ | 25     | V    |

/ Electrical Characteristic Curve





**/ Marking Instructions**



BR:

KSP10

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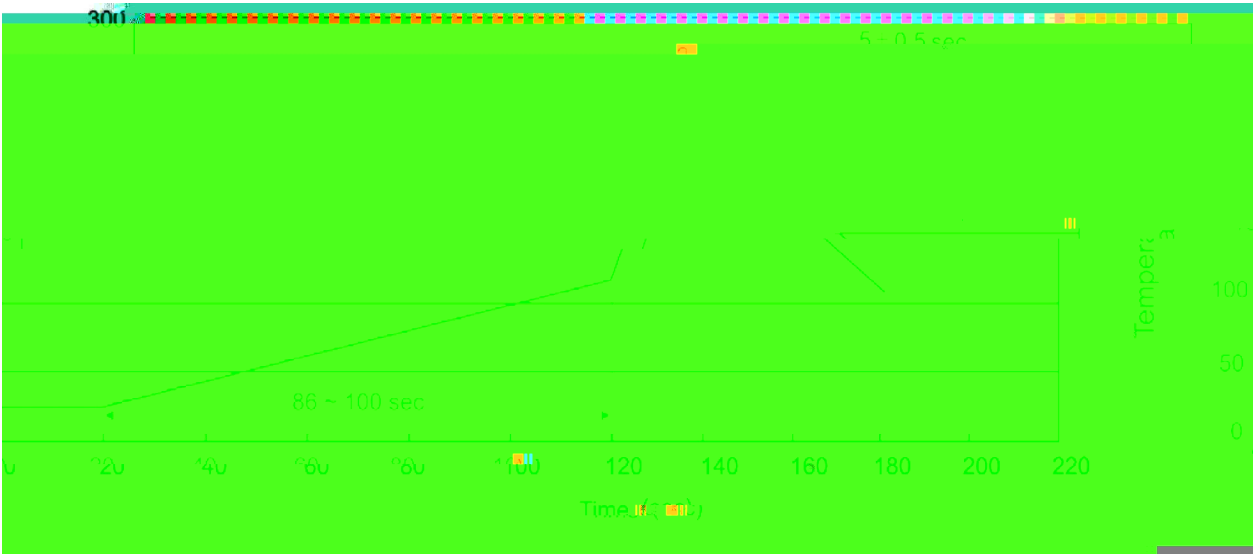
Note:

BR:                   Company Code.

KSP10:             Product Type.

\*\*\*\*:               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.         |

C.