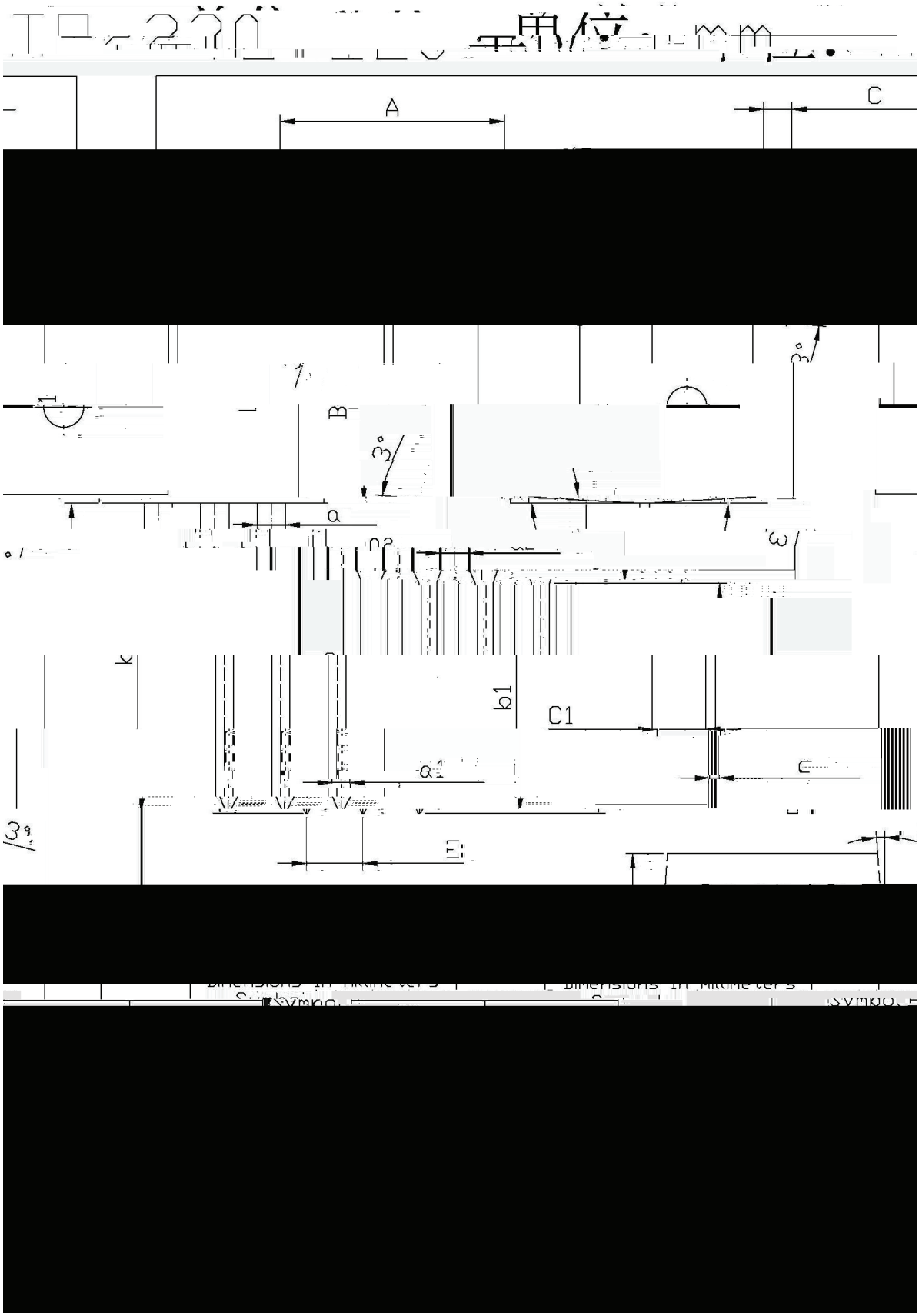
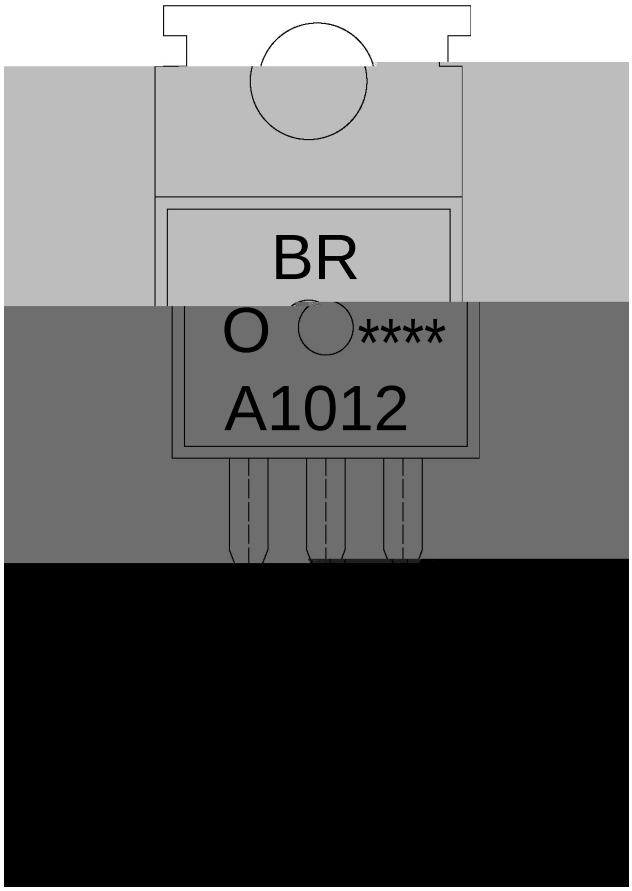
| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Collector to Base Voltage | $V_{CBO}$ | -60 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | -50 | V |
| Emitter to Base Voltage | $V_{EBO}$ | -5.0 | V |
| Collector Current - Continuous | $I_C$ | -5.0 | A |
| Collector Power Dissipation | $P_C$ | 2.0 | W |
| | $P_C$(Tc=25 ) | 25 | W |
| Junction Temperature | $T_j$ | 150 | |
| Storage Temperature Range | $T_{stg}$ | -55 150 | |

| Parameter | Symbol | Test Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|
| Collector to Emitter Breakdown V | | | | | | |

## / Package Dimensions



## / Marking Instructions




BR

A1012

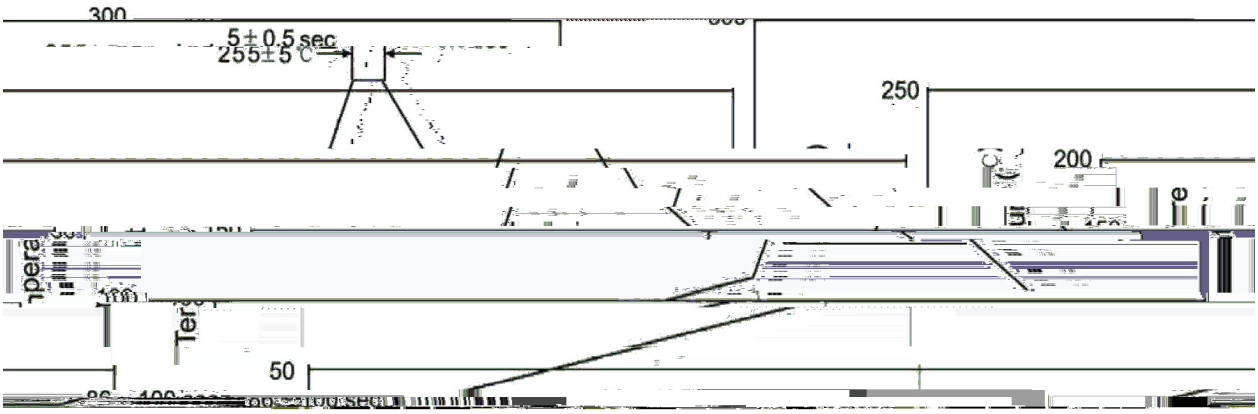
O: $h_{FE}$

****

Note:

| | |
|---|---|
| BR: | Company Code |
| A1012: | Product Type. |
| O: | $h_{FE}$ 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 mm$^3$) |
|---|---|---|---|---|
| | Units/Bag / | Bags/Inner Box / | Units/Inner Box / | |