

Mold package type higher resistance MR

KG1002-61

● Features

- Small, thin, and high resistance.
- High reliability.
- 18% by volume as compared with KG0823.
- Low power draws: 4.5 μ W(typ) at $V_{CC} = 5$ V
- RoHS direction compliance.

● Absolute maximum rating

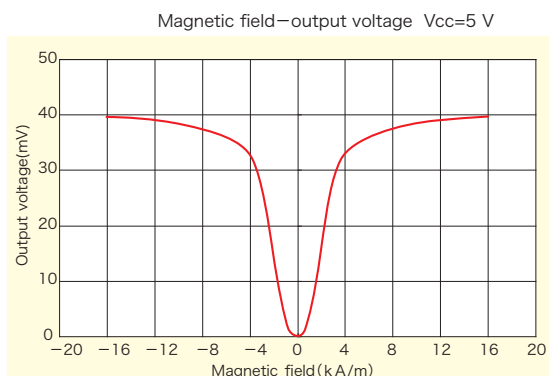
| Parameter | Value | Unit |
|-------------------------------|---------|------|
| Operating ambient temperature | -40~125 | °C |
| Storage temperature | -50~130 | °C |
| Applied voltage | 10 | VDC |

● Electrical properties

$T_a=25$ °C, $V_{CC}=5$ V

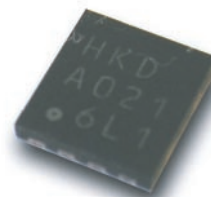
| Parameter | Condition | Value | | | Unit |
|---|---------------|-------------|-------|-------------|------------------------------|
| | | min | typ | max | |
| Input resistance | V_{CC} -GND | 450 | 550 | 650 | k Ω |
| Temperature coefficient of resistance | — | 0.25 | 0.35 | 0.45 | %/°C |
| Median potential | 0 kA/m | 2470 | 2500 | 2530 | mV |
| Temperature coefficient of offset voltage | 0 kA/m | -6 -4.95 | 0 | +6 +4.95 | $\frac{\mu V}{V_{CC}}$ mV |
| Output voltage | 16 kA/m | 35 | 40 | 45 | mV |
| Temperature coefficient of output voltage | 12 kA/m | -0.25 | -0.35 | -0.45 | %/°C |

● Characteristics data (typ)

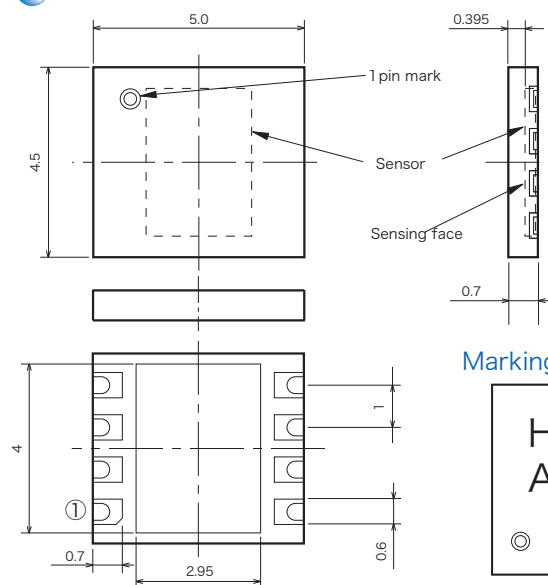


● Packing form

| | |
|-------|--------------|
| Style | Taping |
| Net | 2000pcs/reel |



● Dimension(unit: mm)

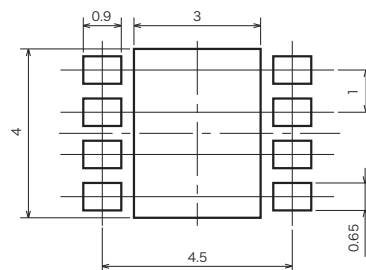


Marking



Company code
Product No. A021
Lot No.

● Recommended land layout(unit: mm)



● Equivalent circuit

