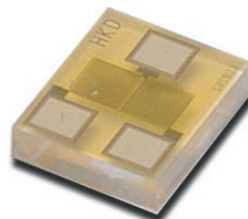


Flip chip type MR sensor

KG0262

● Features

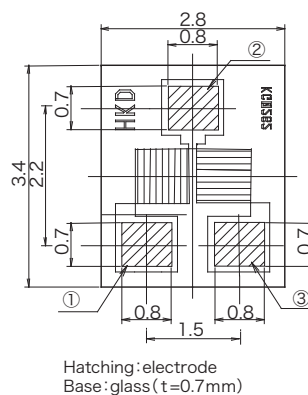
- High sensitivity in low magnetic field.
- Fast response rate(200kHz).
- Superior temperature characteristics.
- A flow step reduction is possible for reflow.
- Magnetic detect type without the influence of dust and oil.



● Absolute maximum rating

| Parameter | Value | Unit |
|-------------------------------|---------|------|
| Operating ambient temperature | -20~100 | °C |
| Storage temperature | -30~110 | °C |
| Applied voltage | 10 | VDC |

● Dimension(unit: mm)

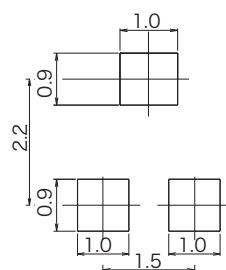


● Electrical properties

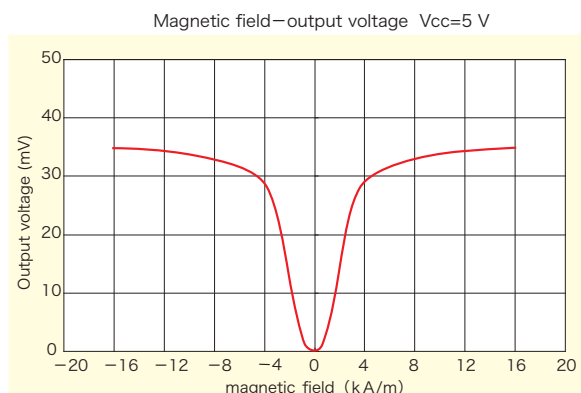
Ta=25 °C, Vcc=5 V

| Parameter | Condition | Value | | | Unit |
|---|-----------|-------|-------|-------|---------------------------|
| | | min | typ | max | |
| Input resistance | Vcc-GND | 15 | 25 | 35 | kΩ |
| Temperature coefficient of resistance | - | 0.2 | 0.3 | 0.4 | %/°C |
| Median potential | 0 kA/m | 2465 | 2500 | 2535 | mV |
| Temperature coefficient of offset voltage | 0 kA/m | -12 | 0 | +12 | $\frac{\mu V/V_{cc}}{°C}$ |
| Output voltage | 16 kA/m | 30 | 35 | 40 | mV |
| Temperature coefficient of output voltage | 12 kA/m | -0.25 | -0.35 | -0.45 | %/°C |

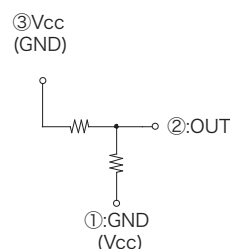
● Recommended land layout(unit: mm)



● Characteristics data (typ)



● Equivalent circuit



● Packing form

| | |
|-------|--------------|
| Style | Taping |
| Net | 3000pcs/reel |