

Mold package type 4 element MR

KG1101-51

● Features

- Superior anti-noise for differential output drive.
- Easily median correction for 2 GND terminals.
- Wide range operating temperature.
- RoHS directive compliance.

● Absolute maximum rating

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



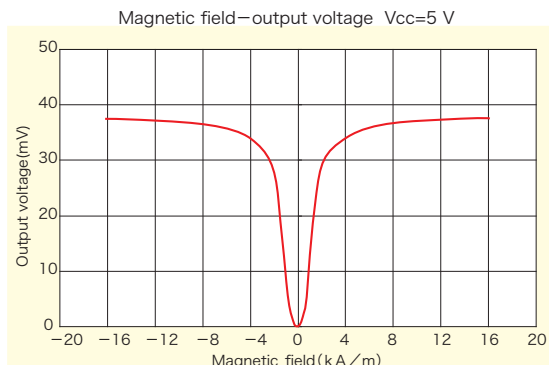
● Electrical properties

Ta=25 °C, Vcc=5 V

Parameter	Condition	Value			Unit
		min	typ	max	
Input resistance*	Vcc-GND	8	10	12	kΩ
Temperature coefficient of resistance	-	0.2	0.3	0.4	%/°C
Median potential	0 kA/m	2470	2500	2530	mV
Temperature coefficient of offset voltage	0 kA/m	-8	0	+8	$\frac{\mu V}{V_{cc}}$
Offset voltage	0 kA/m	-6.6	0	+6.6	mV
Output voltage	0 kA/m	-15	0	+15	mV
Output voltage	16 kA/m	32.5	37.5	42.5	mV
Temperature coefficient of output voltage	12 kA/m	-0.25	-0.35	-0.45	%/°C

* GND pins connected

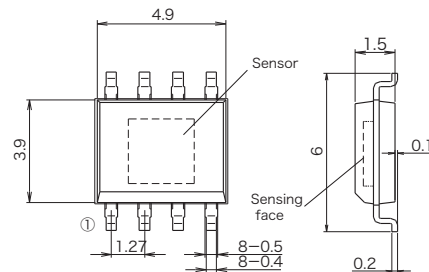
● Characteristics data (typ)



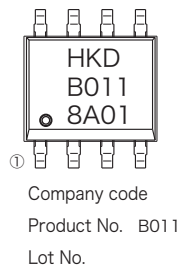
● Packing form

Style	Taping
Net	3000pcs/reel

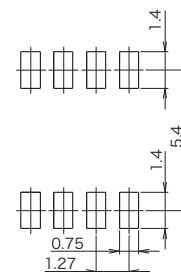
● Dimension(unit : mm)



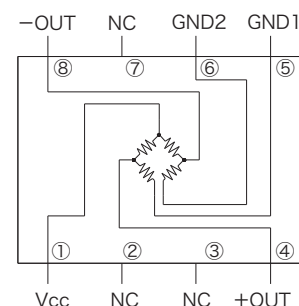
Marking



● Recommended land layout(unit: mm)



● Equivalent circuit



※ ②③⑦ terminals: NC