

Mold package type 8 element MR

KG1203-62

Features

- Micro package in offset sensor placement .
- AB phase full bridge.
- Movement to multipole magnet($\lambda=1.5$ to 3 mm) detect.
- harmonics suppressed.
- RoHS directive compliance.



Absolute maximum rating

Parameter	Value	Unit
Operating ambient temperature	-30~110	°C
Storage temperature	-40~120	°C
Applied voltage	6	VDC

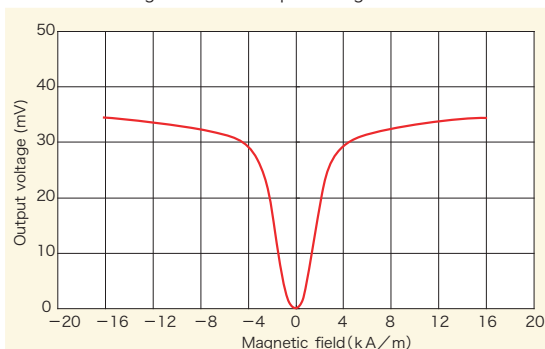
Electrical properties

Ta=25 °C, Vcc=5 V

Parameter	Condition	Value			Unit
		min	typ	max	
Input resistance	Vcc-GND	0.5	0.6	0.7	kΩ
Temperature coefficient of resistance	-	0.2	0.3	0.4	%/°C
Median potential	0 kA/m	2490	2500	2510	mV
Temperature coefficient of offset voltage	0 kA/m	-8	0	+8	$\frac{\mu V}{V_{cc}}/°C$
Offset voltage	0 kA/m	-5.6	0	+5.6	mV
Offset voltage	0 kA/m	-10	0	+10	mV
Output voltage	16 kA/m	30	35	40	mV
Temperature coefficient of output voltage	12 kA/m	-0.25	-0.35	-0.45	%/°C

Characteristics data (typ)

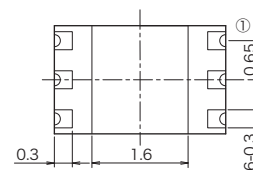
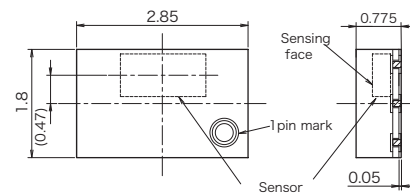
Magnetic field—output voltage Vcc=5 V



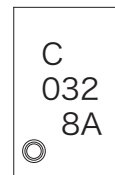
Packing form

Style	Taping
Net	3000pcs/reel

Dimension(unit: mm)

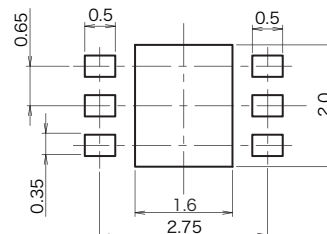


Marking



Product No. C032
Lot No.

Recommended land layout(unit: mm)



Equivalent circuit

