

### Mold package type MR

#### KG1301-61

#### Features

- Ultra slim and leadless package.
- AB phase full bridge.
- Movement to multipole magnet ( $\lambda=400$ ) 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

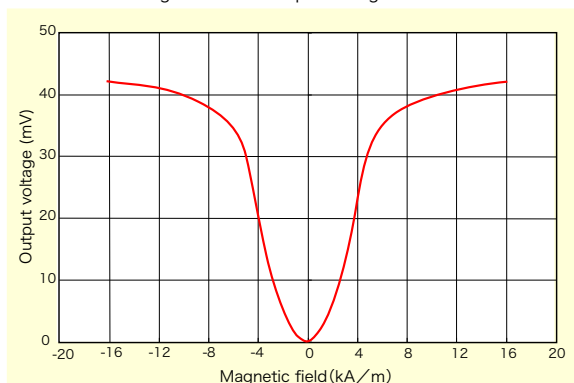
#### Electrical properties

$T_a=25\text{ }^\circ\text{C}$ ,  $V_{cc}=5\text{ V}$

Parameter	Condition	Value			Unit
		min	typ	max	
Input resistance	$V_{cc}$ -GND	300	400	500	$\Omega$
Temperature coefficient of resistance	-	0.3	0.4	0.5	%/°C
Median potential	0 kA/m	2490	2500	2510	mV
Temperature coefficient of offset voltage	0 kA/m	-8	0	+8	$\frac{\mu\text{V}}{V_{cc}}/^\circ\text{C}$
Offset voltage	0 kA/m	-5.6	0	+5.6	mV
Offset voltage	0 kA/m	-5	0	5	mV
Output voltage	4 kA/m	-5	0	5	mV
Output voltage	4 kA/m	16	21	26	mV
Temperature coefficient of output voltage	4 kA/m	-0.25	-0.35	-0.45	%/°C

#### Characteristics data (typ)

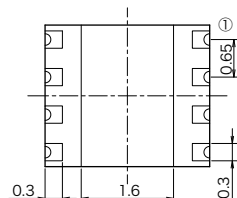
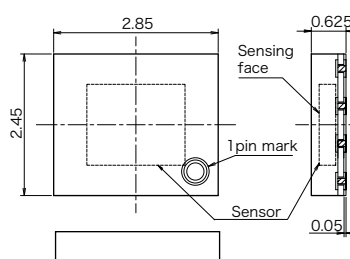
Magnetic field-output voltage  $V_{cc}=5\text{ V}$



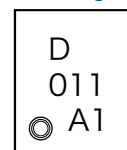
#### Pole-magnetization pitch

$\lambda=400\mu\text{m}$

#### Dimension(unit: mm)

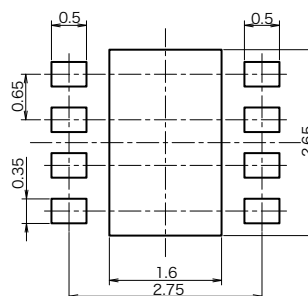


#### Marking

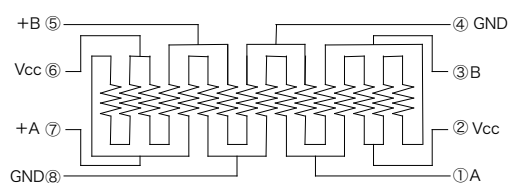


Product No. D011  
Lot No.

#### Recommended land layout(unit: mm)



#### Equivalent circuit



#### Packing form

Style	Taping
Net	3000pcs/reel