

**MODULAR TYPE**

**LOM** Model

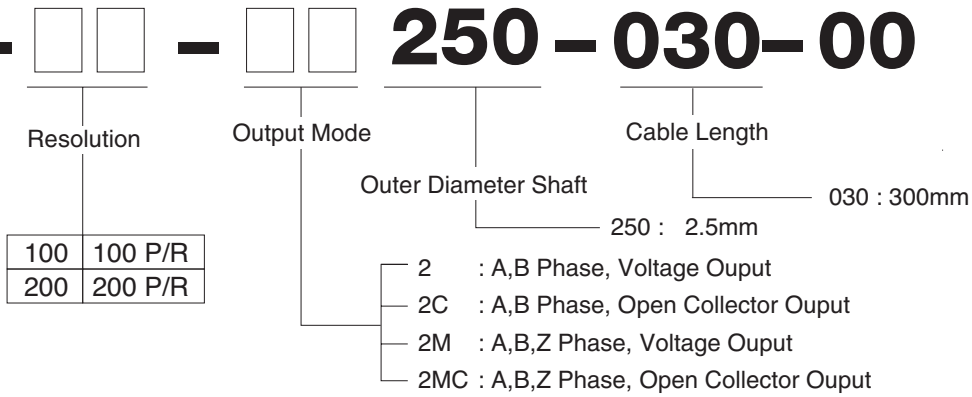


**Small Modular Model**

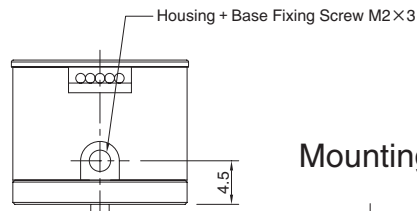
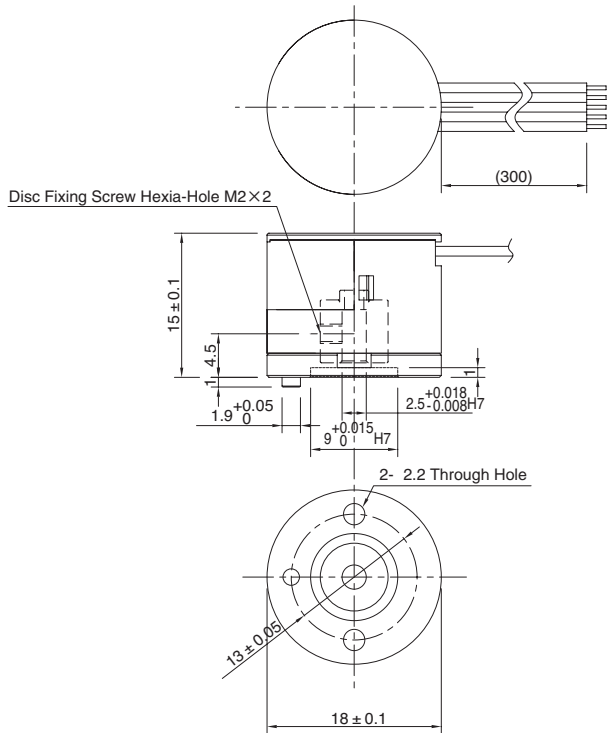
- For Compact and High Speed Motion : More Than 10000r/min.
- Low Cost due to No Bearings.

**Model**

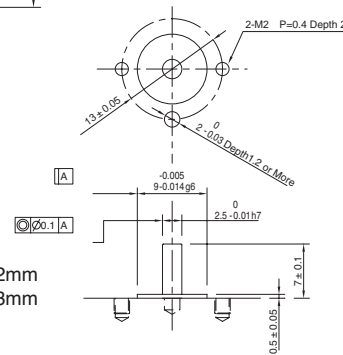
**LOM - [ ] [ ] - [ ] [ ] 250 - 030 - 00**



**External Dimension**

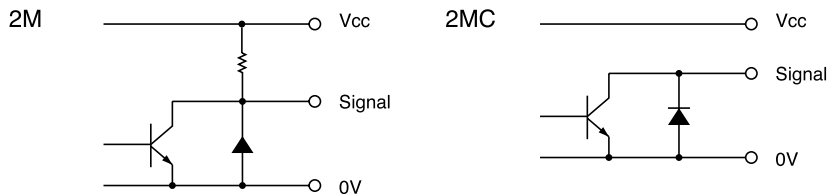


**Mounting Dimensions**



Radial Fluctuation : ± 0.2mm  
Thrust Fluctuation : ± 0.3mm

**Circuit of Output Signal**

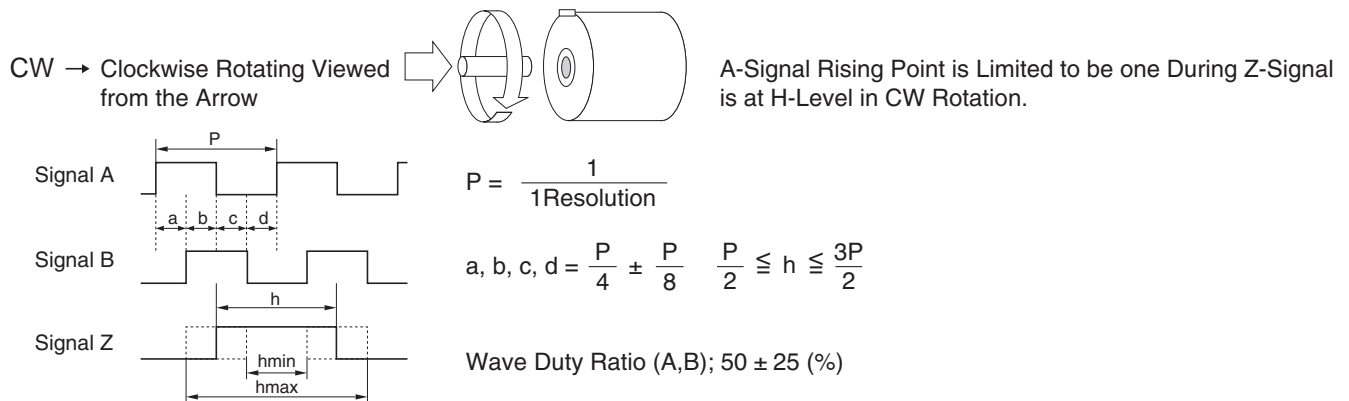


### Electrical Spec.

TYPE		2	2M	2C	2MC
Supply Voltage		DC4.5 ~ 5.5V			
Requirement		40 mA Max	60 mA Max	40 mA Max	60 mA Max
Output Voltage	"H"	Within -1 Power Volt			_____
	"L" ※1	0.5 V Max			
Maximum Output Current		20 mA MAX			
Rise & Fall Time		1 μs Max			
Maximum Frequency Response		30 kHz			

※1) at Maximum Output Current

### Wave Form.



### Electrical Connections

Color of Lead Wire	Description
Red	Power Source
Black	0V Common
Blue	Signal A
White	Signal B
Yellow	Signal C

### Mechanical Spec.

Moment of Inertia	8×10 <sup>-8</sup> kg · m <sup>2</sup>
Maximum RPM	9,000r/min(200P/R) 18,000r/min(100P/R)
Net Weight	10g Max

### Environmental Spec.

Operating Temperature	-10°C ~ +85°C
Storage Temperature	-20°C ~ +85°C
Humidity	RH 85% Max No Condensation
Vibration	10~55 Hz / 1.5mm 2 h
Shock	490m/s <sup>2</sup> , 11ms X, Y, Z Each 3 times