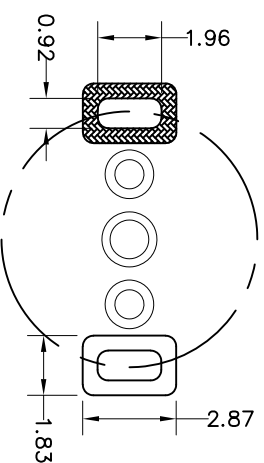
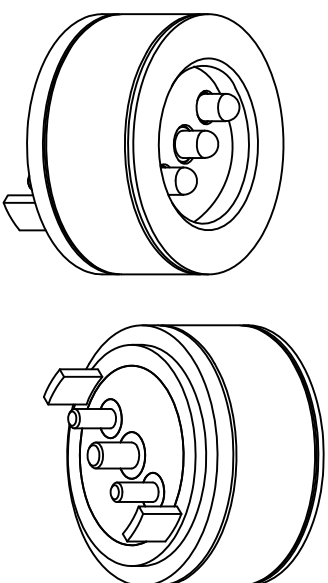
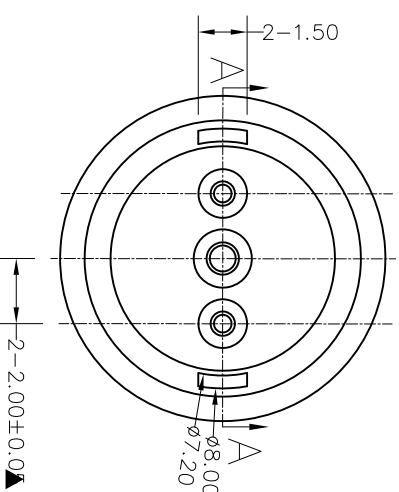
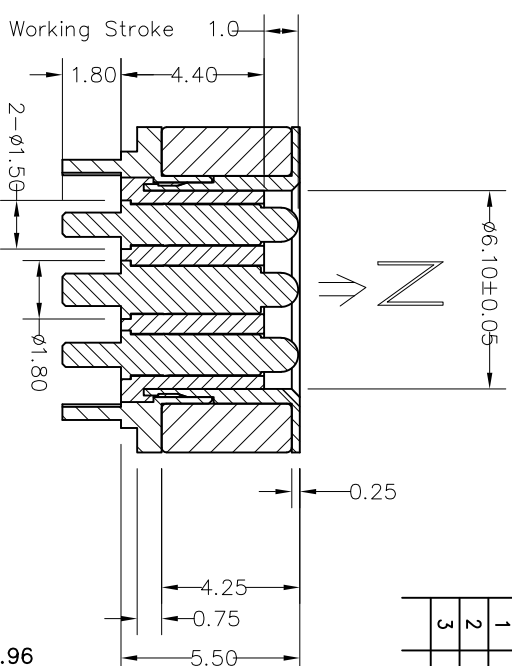
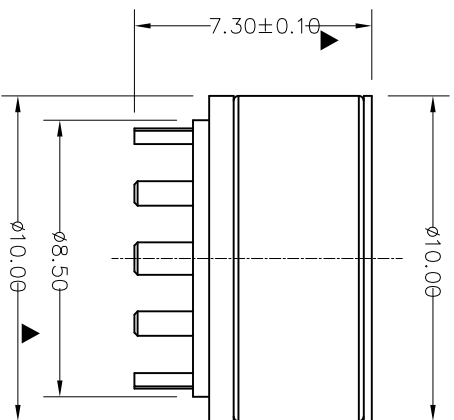


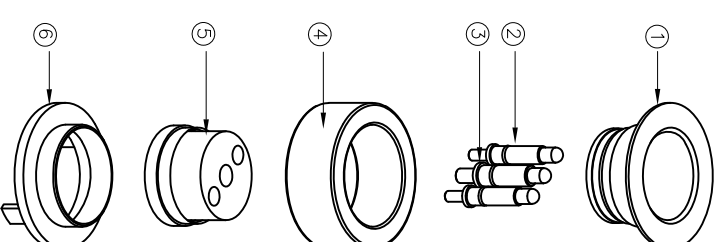
| REV | ECN NO. | DETAILS | BY | DATE |
|-----|---------|---------|----|------|
| 1   |         |         |    |      |
| 2   |         |         |    |      |
| 3   |         |         |    |      |

NOTES:

- 1.0 Rated voltage(Per Contact):5 Volts  
2.0 Rated Current(Per Contact):2A maximum  
3.0 Working Temperature Range: -30~85 °C  
4.0 "▲"For key control dimensions.  
5.0 1um~40u"



PCB LAYOUT  
Layout Tolerance: ±0.05mm



|      |                 |      |              |                                                |              |
|------|-----------------|------|--------------|------------------------------------------------|--------------|
| 6    | Back shell      | 1pcs | C3604        | Nickel 5.0um min plated                        | 10.0*4.50    |
| 5    | Rubber compound | 3g   | PA9T         | .....                                          | Black        |
| 4    | Magnet          | 1pcs | N52          | Nickel 5.0um min plated                        | 10.0*4.0*7.0 |
| 3    | POGO Pin        | 1pcs | Leaded Brass | Gold 0.075um min plated over 1.25~3.0um Nickel | 1.8*7.65     |
| 2    | POGO Pin        | 2pcs | Leaded Brass | Gold 0.075um min plated over 1.25~3.0um Nickel | 1.5*7.65     |
| 1    | Front shell     | 1pcs | SUS316F      | .....                                          | 10.0*4.80    |
| Item | Part Name       | QTY  | Material     | Finish                                         | Remarks      |

\*UNLESS OTHERWISE STATED  
ALL DIMENSIONS ARE IN  
MILLIMETRES  
LINEAR TOLERANCE:  
X:±0.20 X:±0.15 XX:±0.10  
X\*:±2° X\*:±0.5°\*  
Pomagtor  
Website:www.pomagtor.net

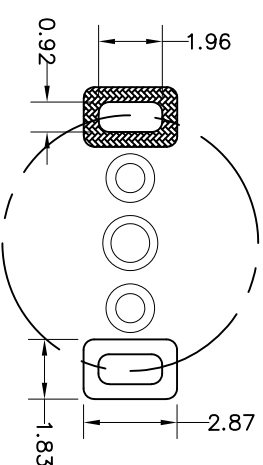
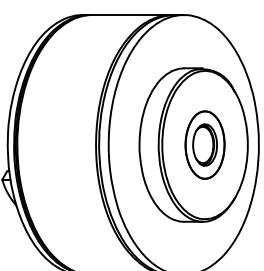
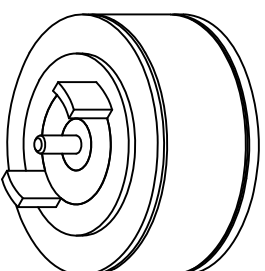
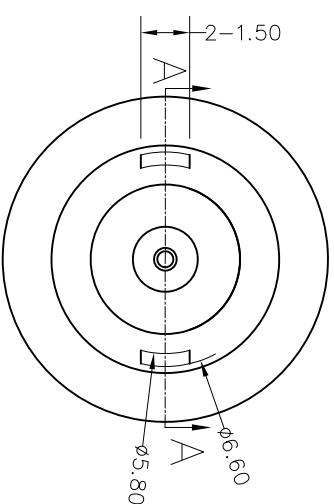
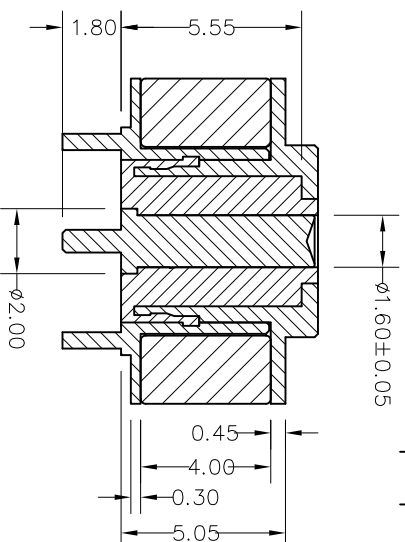
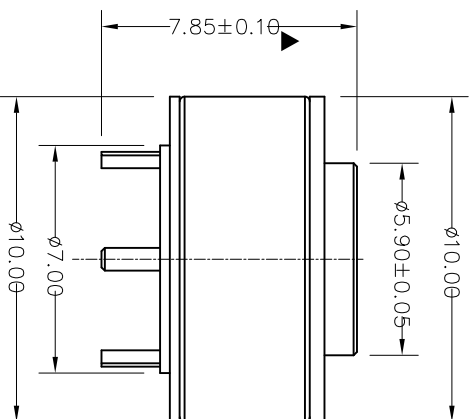
**POMAGTOR**  
POGO PIN - 16 YEARS OF PROFESSIONAL  
Magnetic connection-professional for customization

| TITLE      | Circular magnetic connector | REV   | A0       | DRAWN BY   | CHECKED BY | APPROVED BY |
|------------|-----------------------------|-------|----------|------------|------------|-------------|
| SPEC       | 10.0mm-3PIN-1/M             | SCALE | 1        |            |            |             |
| PART NO    | RD91.HHJ0210611-001         | UNIT  | mm       | ShenYou Wu | HongJun Hu | QingSong Ge |
| VIEW ANGLE |                             | DATE  | 21/06/11 |            |            |             |
|            |                             | SHEET | 1 of 1   |            |            |             |

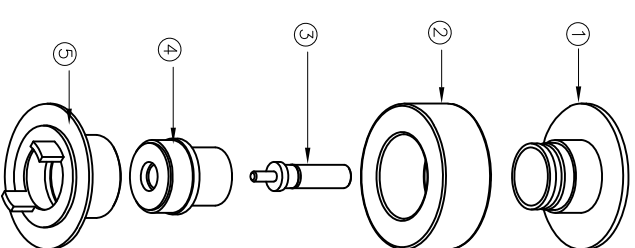
| REV | ECN NO. | DETAILS | BY | DATE |
|-----|---------|---------|----|------|
| 1   |         |         |    |      |
| 2   |         |         |    |      |
| 3   |         |         |    |      |

NOTES:

- 1.0 Rated voltage(Per Contact):5 Volts  
2.0 Rated Current(Per Contact):2A maximum  
3.0 Working Temperature Range: -30~85 °C  
4.0 "▲"For key control dimensions.  
5.0 1um≈40u"



PCB LAYOUT  
Layout Tolerance: ±0.05mm



|      |                 |      |              |                                                |               |
|------|-----------------|------|--------------|------------------------------------------------|---------------|
| 5    | Back shell      | 1pcs | C3604        | Nickel 5.0um min plated                        | 10.0*6.35     |
| 4    | Rubber compound | 3g   | PA9T         | .....                                          | Black         |
| 3    | Pin             | 1pcs | Ledded Brass | Gold 0.075um min plated over 1.25~3.0um Nickel | 2.0*7.75      |
| 2    | Magnet          | 1pcs | NS2          | Nickel 5.0um min plated                        | 10.0*4.0*5.75 |
| 1    | Front shell     | 1pcs | SUS316F      | .....                                          | 10.0*5.65     |
| Item | Part Name       | QTY  | Material     | Finish                                         | Remarks       |

|                                                                                                                                                                               |                                                                                    |       |          |                                                                                                                           |               |                |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------|----------|---------------------------------------------------------------------------------------------------------------------------|---------------|----------------|--|
| *UNLESS OTHERWISE STATED<br>ALL DIMENSIONS ARE IN<br>MILLIMETRES<br>LINEAR TOLERANCE:<br>X:±0.20 ,X±0.15 ,XX±0.10<br>X*:±2° ,X*:±0.5°<br>Pomagtor<br>Website:www.pomagtor.net |                                                                                    |       |          | <div>POMAGTOR</div> <div>POGO PIN - 16 YEARS OF PROFESSIONAL<br/>Magnetic connection-professional for customization</div> |               |                |  |
| TITLE                                                                                                                                                                         | Circular magnetic<br>connector                                                     | REV   | A0       | DRAWN<br>BY                                                                                                               | CHECKED<br>BY | APPROVED<br>BY |  |
| SPEC                                                                                                                                                                          | 10.0mm-3PIN-3-1/F                                                                  | SCALE | 1        |                                                                                                                           |               |                |  |
| PART NO                                                                                                                                                                       | RD91.HH0210611-002                                                                 | UNIT  | mm       |                                                                                                                           |               |                |  |
| VEIW<br>ANGLE                                                                                                                                                                 |  | DATE  | 21/06/11 | ShenYou<br>WU                                                                                                             | HongJun<br>Hu | QingSong<br>Ge |  |
|                                                                                                                                                                               |                                                                                    | SHEET | 1 of 1   |                                                                                                                           |               |                |  |

ShenYou HongJun QingSong  
WU Hu Ge