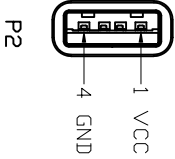
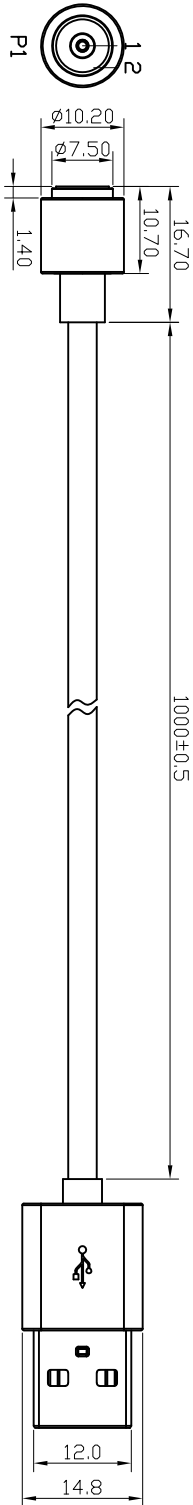


REV	ECN NO.	DETAILS	BY	DATE
1				
2				
3				

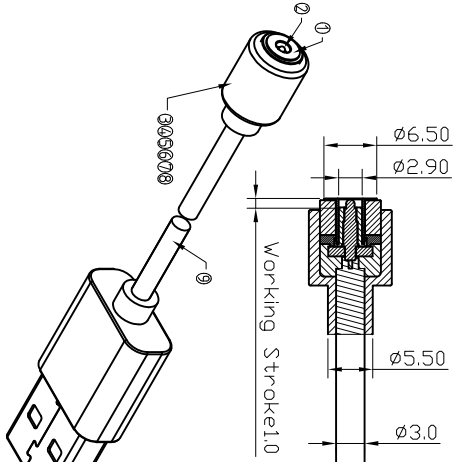
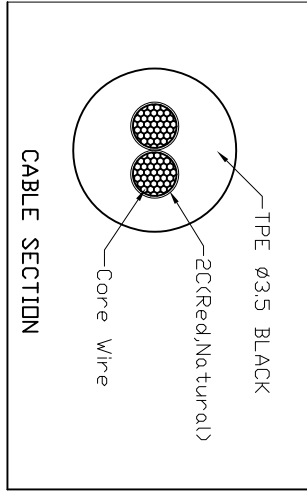


Wiring Diagram

P1	P2
1 Red	1
2 Natural	4

Skills Requirement:
1.0 a. 100%Open/Short test.
b. 1N-resistance: 3Ω (max).
c. Insulation Resistance: 300V/DC 10MΩ(min).

- 2.0 Electrical Characteristics:
1) Rated Voltage (PIN Contact): 5Volts.
2) Rated Current (PIN Contact): 3A.
3) Insulation Resistance: 100MΩ min.
4) Dielectric Withstand Voltage: 100V AT 60HZ.
5) Contact Resistance: 30mΩ Max.
Before Test And 60mΩMax. After Test:
6) Press Stroke 0.8mm (Per Contact): 60gFMax.
7) Press stroke 0.8mm, 10,000 times Min.
3. Salt Spray Test: 5% Salt Spray Concentration, Temperature 35°C,
Test Time 48 Hours, No Corrosion.
4. Working Temperature Range: -30~+85°C.
5. Electroplate 1um=40u"



10	USB2.0 Plug	8g	PBT White+Brass+SPCC	Pin gold plating G / F	.....
9	Wire rod	1.2m	TPE Black (60/0.10TC) #2C	.....	Ø3.5
8	External Molding Plastic	8g	TPE 90A Material color: black	.....	.....
7	Internal Molding Plastic	8g	PE Raw Material Color: Transparent	.....	.....
6	PCB	1pcs	FR-4 5V 3A	Lead free tin spraying	.....
5	Rubber compound	3g	PA9T	.....	Black
4	Back shell	1pcs	HB59-1	Nickel 5.0um min plated	Ø7.5*1.4
3	Magnet	1pcs	NS2	Nickel 3.0um min plated	Ø7.5*4.3
2	Pogo Pin	1pcs	Laded Brass	Gold 0.075um min plated over 1.25~3.0um Nickel	Ø2.0*7.5
1	Front shell	1pcs	SUS316L	.....	Ø6.5*5.6
Item	Part Name	Q'TY	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

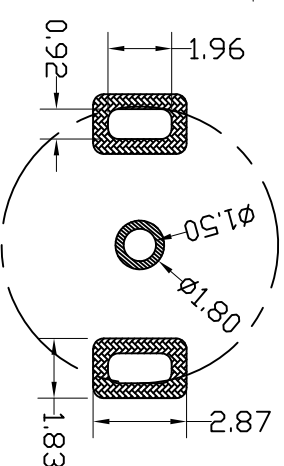
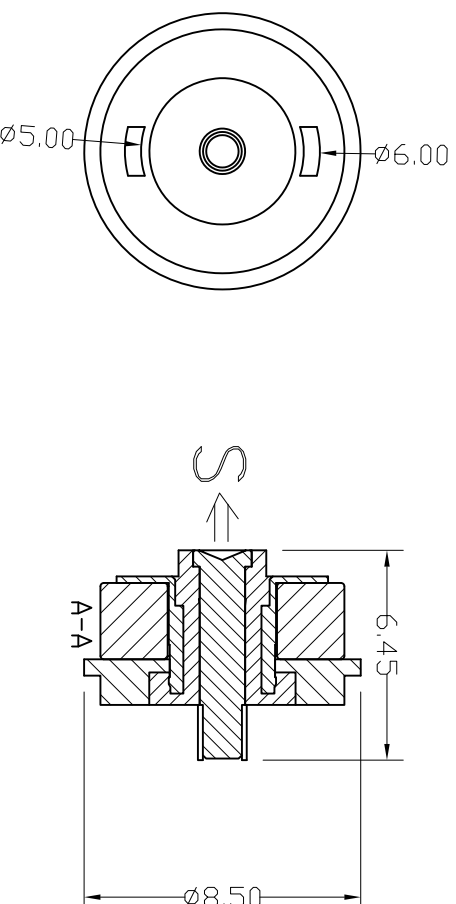
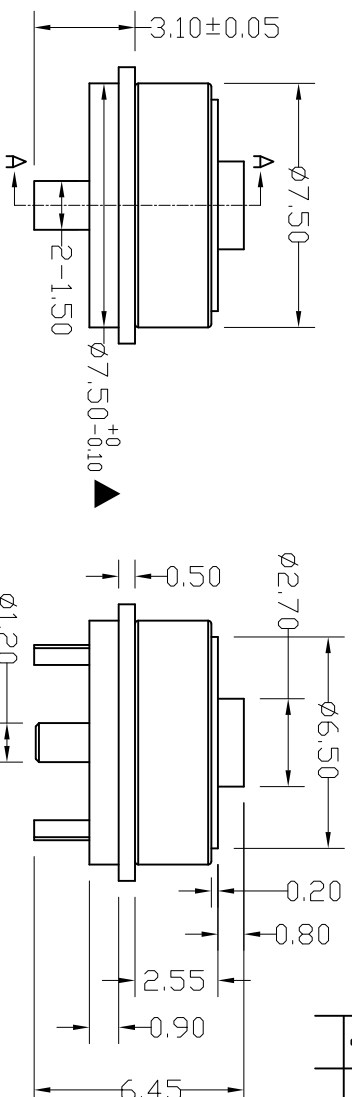
TITLE	Round magnetic connection line	REV	A0	DRAWN BY	CHECKED BY	APPROVED BY
SPEC	7.5mm-2PIN-1 To USB A/M L=1.0M	SCALE	1			
PART NO	RD91.HHJ0210320-001	UNIT	mm	HJH	HXH	QS.G
VEIW ANGLE		DATE	21/03/19			
		SHEET	1 of 1			

REV	ECN NO.	DETAILS	BY	DATE
1				
2				
3				

NOTES:

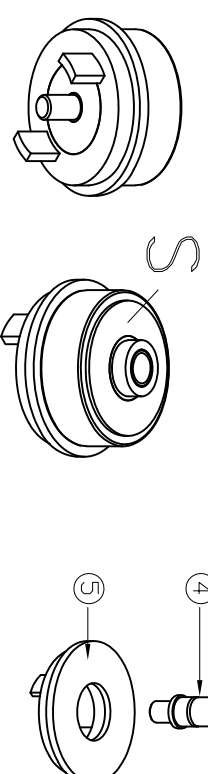
- 1.0 Rated voltage(Per Contact):5 Volts
- 2.0 Rated Current(Per Contact):3A maximum
- 3.0 Working Temperature Range: -30~85℃
- 4.0 "▲"For key control dimensions.

5.0 1um ≈40u"



PCB LAYOUT

Layout Tolerance:±0.05mm



5	Back shell	1pcs	HBI59-1	Nickel 5.0um min plated	ø8.5*3.10
4	Pin	1pcs	Leaded Brass	Gold 0.075um min plated over 1.25~3.0um Nickel	ø1.8*6.40
3	Rubber compound	3g	PA9T	.....	Black
2	Magnet	1pcs	N52	Nickel 3.0um min plated	ø7.5*2.35
1	Front shell	1pcs	SUS316L	.....	ø6.5*3.60
Item	Part Name	Q'TY	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	CHECKED	APPROVED
SPEC	7.5mm-2PIN-1 /F	SCALE	1			
PART NO	RD91.HHJ0210320-002	UNIT	mm			
VEIW ANGLE		DATE	21/03/19	HJH	HXH	QS.G
		SHEET	1 of 1			