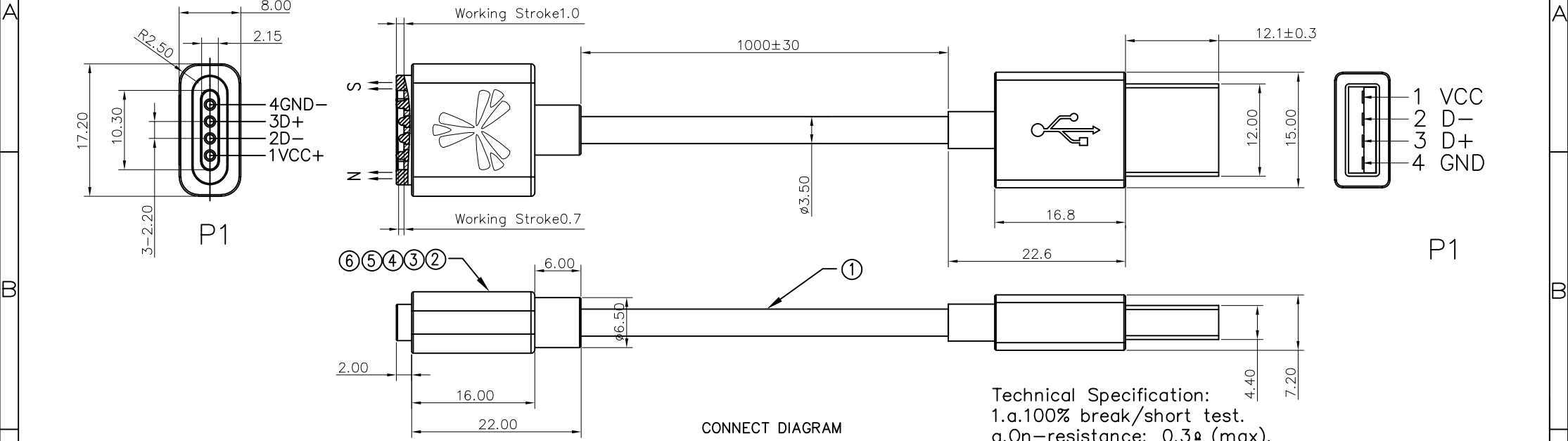


REV	ECN NO.	DETAILS	BY	DATE
1	A0	The new version was released	LZH	2022/10/26
2	A1	更新磁吸头接线定义	LZH	2022/10/31
3				



CONNECT DIAGRAM

P1	Red	P2
1 VCC+	White	1 VCC+
2 D-	Green	2 D-
3 D+	Black	3 D+
4 GND-		4 GND-

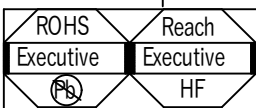
Technical Specification:  
 1.a.100% break/short test.  
 a.On-resistance: 0.3 $\Omega$  (max).  
 b.Insulation resistance: 300V/DC 10M $\Omega$ (min).  
 2.Swing test: 200g lifting weight,  $\pm$ 60 degrees 30 times/min, 2000 times conduction OK.  
 3.Rated voltage (PIN contact): 5Volts  
 4.Rated current (PIN contact): 3A maximum  
 5.Working elastic single PIN:  
 1).Press stroke 0.8mm (PIN contact): 80gfMax  
 6.Life test:  
 1)Press stroke 0.8mm, 10,000 times (Min)  
 7.Gauss value of magnet: 3600GS~4200GS  
 8.Operating temperature range: -30~85 $\circ$ C  
 9.is marked with "\*" as a key dimension.

7	USB2.0 Plug	1pcs	PBT Black+Brass	.....	Black
6	Shell	1pcs	ABS	.....	Black
5	PCB	1pcs	FR-4	JDF 4Pin-1/M PCB	.....
4	Connector	1pcs	JDF 4Pin-1/M connector	POGO PIN gold-plated 3u"	Black
3	Outer mold	8g	Black TPE 90A	.....	.....
2	Internal mold	3g	LD-PE transparent	.....	.....
1	Wire rod	1.03m	TPE Black	.....	OD: $\phi$ 3.5
Item	Part Name	Q'TY	Material	Finish	Remarks

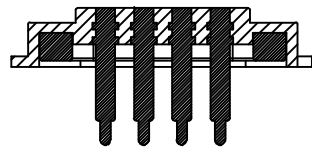
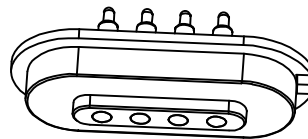
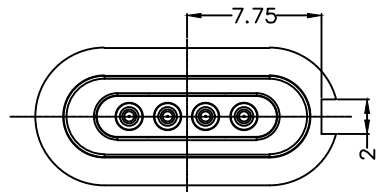
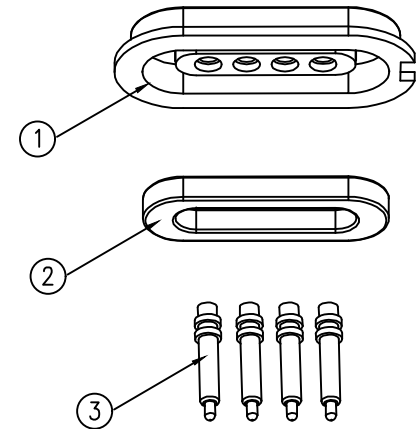
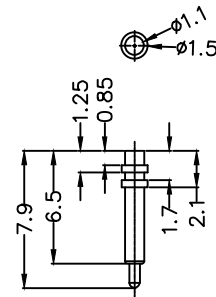
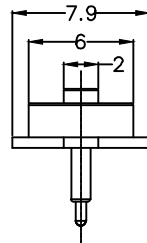
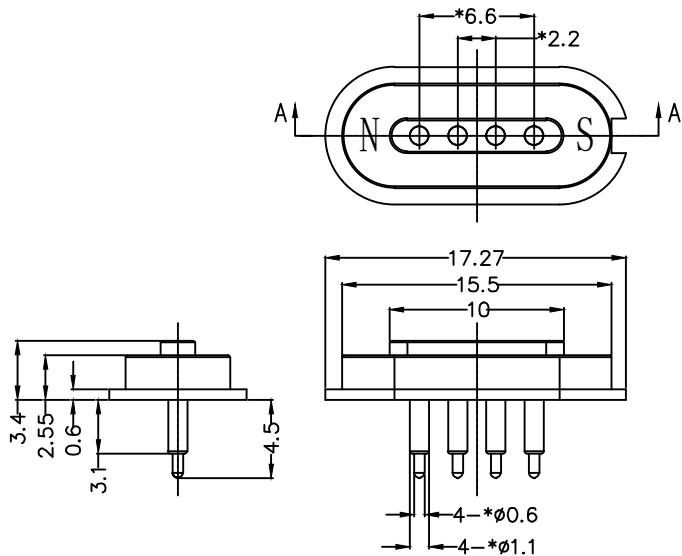
\*UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES  
 LINEAR TOLERANCE:  
 X. $\pm$ 0.20 .X $\pm$ 0.15 .XX $\pm$ 0.10  
 X\* $\pm$ 2\* .X\* $\pm$ 0.5\*\*  
 Ponagtor  
 Website:www.pomagtor.net



ITEM	Male magnetic wire	REV	A1	DRAWN BY	CHECKED BY	APPROVED BY
S/N.	HY901.0402200100-01	SCALE	1	LZH		
RD.S/N.	RD90.LZH0220228-005	UNIT	mm			
VEIW ANGLE		DATE	2022/10/31			
		SHEET	1 of 1			



REV	ECN NO.	DETAILS	BY	DATE
1	A0	new version release	LZH	2022.05.04
2	A1	针管加长0.2mm 针头加长0.3mm, 其他不变	LZH	2022.07.13
3	A2	增加磁铁高斯值, 增加正式料号	LZH	2022.10.26



SECTION A-A

- NOTES:
- 1.0 Rated voltage: 5 Volts
  - 2.0 Rated Current: 1A maximum
  - 3.0 Contact Resistance: 30mΩ maximum
  - 4.0 Salt Spray: 48H Min
  - 5.0 Working Temperature Range: -40~85°C
  - 6.0 Waterproof grade IP68
  - 7.0 Gauss value of magnet: 2200GS(minimum)
  - 8.0 Marked with "\*" as key dimension
  - 9.0 The product must conform to the latest RoHS

\*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**  
PROFESSIONAL CUSTOMIZATION SINCE 2007  
HIGH FREQUENCY POGO PIN .MAGNETIC CONNECTOR

3	POGOPIN	HBi59	Ni1.5~3.0um+Au0.125um	4pcs	φ1.5*7.9
2	magnet	N52	Ni2.5um	1pcs	-
1	Housing	PA66 black	Halogen free	1pcs	-
Item	Part Name	Material	Finish	Q TY	Remark

TITLE	Magnetic connector	REV	A2	DRAWN BY	CHECKED BY	APPROV BY
S/N.	HY960.MF04030220-01	SCALE	1	LZH		
RD.S/N.	RD90.LZH0220228-006	UNIT	mm			
VEIW ANGLE		DATE	2022/10/26			
		SHEET	1 of 1			