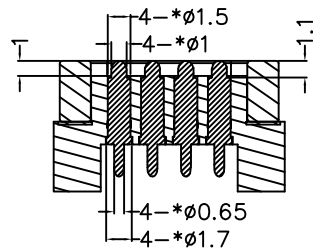
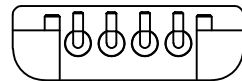
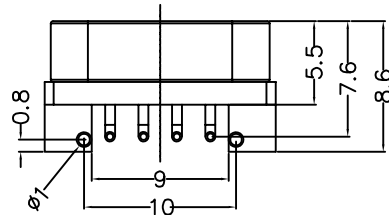
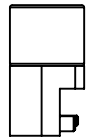
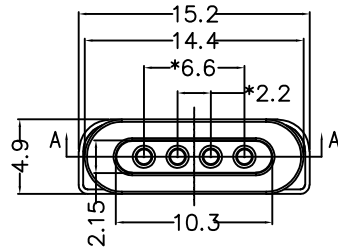


RoHS2.0

REV	ECN NO.	DETAILS	BY	DATE
1	A0	The new version was released	LZH	2021.11.25
2	/	/	/	/
3				

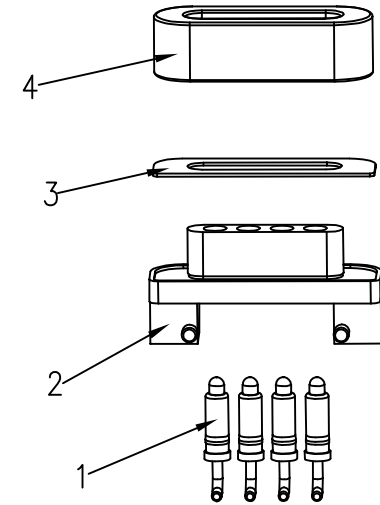
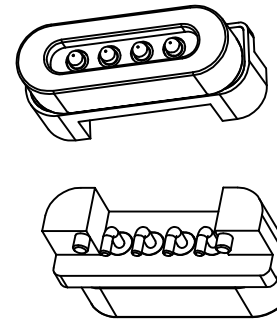


SECTION A-A

Technical Specification:

1.0 Electrical Characteristics:

- 1) Rated Voltage (PIN Contact): 5Volts.
 - 2) Rated Current (PIN Contact): 2A.
 - 3) Insulation Resistance: 100MΩ min.
 - 4) Dielectric Withstand Voltage: 100V AT 60Hz.
 - 5) Contact Resistance: 30mΩ Max. Before Test And 60mΩMax. After Test.
- 2.0 Salt Spray Test: 5% Salt Spray Concentration, Temperature 35°C, Test Time 24 Hours, No Corrosion.
- 3.0 Working Temperature Range: -30~+85°C.
- 4.0 Marked with "*" as key dimension.



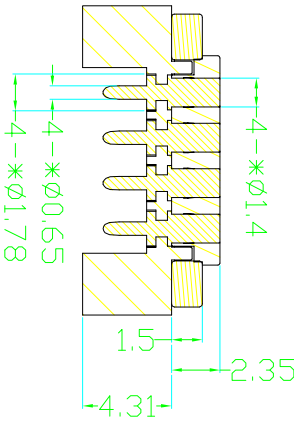
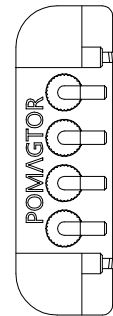
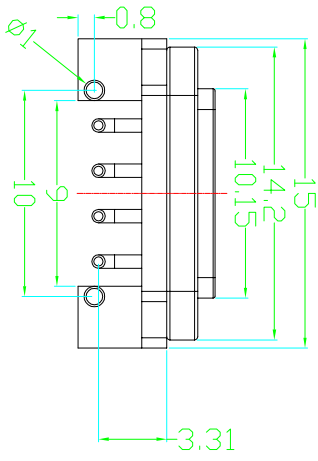
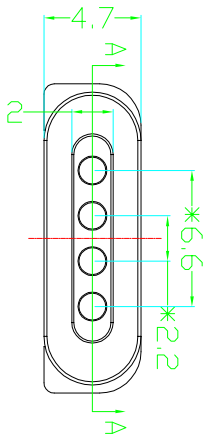
Item	Part Name	Q'TY	Material	Finish	Remark
4	Magnet	1pcs	N52	Nickel 3.0um min plated
3	pad	1pcs	stainless iron	-
2	Housing	1pcs	PA9T	-
1	Pogopin	4pcs	HBi59	Au 0.075um min platinum over 1.25~3um Nickel

"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

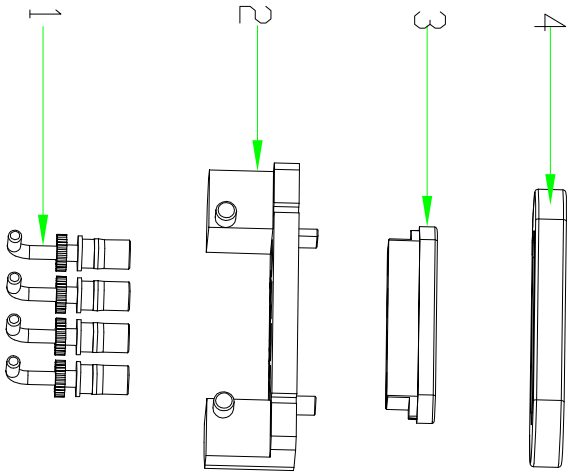
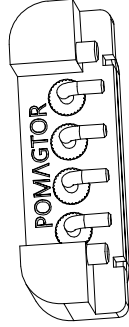
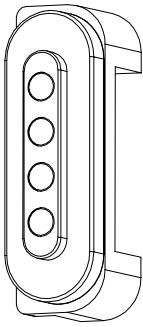
TITLE	Magnetic connector	REV	A0	DRAWN BY	CHECKED BY	APPROVED BY
SPEC	4PIN/M	SCALE	1	LZH	GGTD	
PART NO	HY91.LZH0211125-001	UNIT	mm			
VEIW ANGLE		DATE	21/11/25			
		SHEET	1 of 1			

REV	ECN ND.	DETAILS	BY	DATE
1	AD	The new version was released	LZH	21.12.20
2				
3				



PCB LAYOUT
Layout Tolerance:±0.05mm

SECTION A-A



Item	Part Name	Material	Finish	Q	TY	Remark
4	Magnet	NS2	Nickel 30um min plated	1	pcs	-
3	Housing2	PA9T	-	1	pcs	--
2	Housing1	PA9T	-	1	pcs	-
1	Pogopin	HB159	Au 0075um min platinum over 1.25-3um Nickel	4	pcs	-

*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

TITLE	REV	SCALE	REV	AD	DRAWN	CHECKED	APPROV
Magnetic connector	AD	1	AD	1	By	By	By
SPEC	JDF 4PIN/F	1	SCALE	1	By	By	By
PART NO	HY91LZH0211125-002	mm	UNIT	mm	LZH	GGTD	
VEIW ANGLE		DATE	2021/12/20	SHEET	1 of 1		

- Technical Specification:
- 1.0 Electrical Characteristics:
 - 1) Rated Voltage (PIN Contact): 5Vdc±5%
 - 2) Rated Current (PIN Contact): 2A
 - 3) Insulation Resistance: 100MΩ min.
 - 4) Dielectric Withstand Voltage: 100V AT 60Hz.
 - 5) Contact Resistance: 30mΩ Max. Before Test And 60mΩMax. After Test.
 - 2.0 Salt Spray Test: 5% Salt Spray Concentration, Temperature 35°C, Test Time 24 Hours, No Corrosion.
 - 3.0 Working Temperature Range: -30~+85°C.
 - 4.0 Marked with "*" as key dimension.

