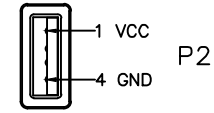
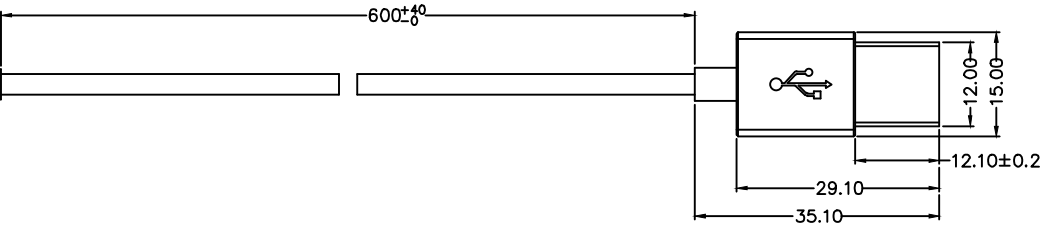
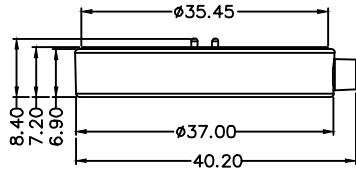
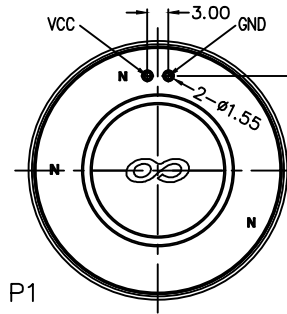


ROHS 2.0 HF Reach

REV	ECN NO.	DETAILS	BY	DATE
1	AO	The new version was released	LZH	2022.1.4
2				
3				



Wiring Table

	P1	P2
VCC	Red	1 VCC
GND	black	4 GND

- Skill requirements:
- 1.0 a. 100% open/short test.
b. Resistance: 3 Ω (maximum).
c. Insulation resistance: 300V/DC 10M Ω (minimum).
 - 2.0 Electrical characteristics:
 - 1) Rated voltage (PIN contact): 5 volts.
 - 2) Rated current (PIN contact point): 1A.
 - 3) Insulation resistance: the minimum value is 100M Ω
 - 4) Withstand voltage: 100V at 60Hz.
 - 5) Contact resistance: 30m Ω Max. Before the test and After 60m Ω Max. test.
 - 6) Press stroke 1.0mm (per contact): 60 \pm 20gf
 - 7) Press stroke 1.0mm, minimum 10,000 times.
 - 3.0 Swing test: lifting 200g, \pm 60 degrees 30 times/min;
Quality requirement: 2000 times
Salt spray test: 5% salt spray concentration,
The temperature is 35 $^{\circ}$ C, the test time is 24 hours,
and there is no corrosion.
 - 4.0 Operating temperature range: -30 \sim +85 $^{\circ}$ C.
 - 5.0 Environmental protection needs to meet Rosh 2.0 standards, halogen-free, Reach

11	SR	1pcs	TPE White	-	-
10	POGO PIN	2pcs	HBI59-1.5	Gold 0.075 μ m min plated over 1.25 \sim 3.0 μ m Nickel	ϕ 2*H6.25
9	External Molding Plastic	-	TPE 90A Material color: White	-
8	Internal Molding Plastic	-	PE Raw Material Color: Transparent	-
7	PCBA	1pcs	FR-4 With PTC protection	Lead free tin spraying
6	USB2.0 Plug	1pcs	stainless steel	Pin Gold Plating G/F, Iron Shell Nickel Plating
5	Wire rod	0.64m	TPE White	OD3.0 black 2C line
4	Magnet 2	1pcs	N52	Nickel 3.0 μ m min plated	L5*W3.4*H4.5
3	Magnet 1	2pcs	N52	Nickel 3.0 μ m min plated	ϕ 3.5*H4.5
2	Lower shell	1pcs	PC White	-	-
1	Upper shell	1pcs	PC White	-	-
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**
Pomagtor
Website:www.pomagtor.net

POMAGTOR
PROFESSIONAL CUSTOMIZATION SINCE 2007
HIGH FREQUENCY POGO PIN MAGNETIC CONNECTOR

TITLE	REV	AO	DRAWN BY	CHECKED BY	APPROV BY
Magnetic Connecting Cable	1	1	LZH		
SPEC	SCALE	UNIT	DATE	SHEET	
ID-X5-2P To USB2.0 A/M+C L=0.6M	1	mm	2022/1/4	1 of 1	
PART NO	RD90.LZH0211230-002				
VEIW ANGLE					