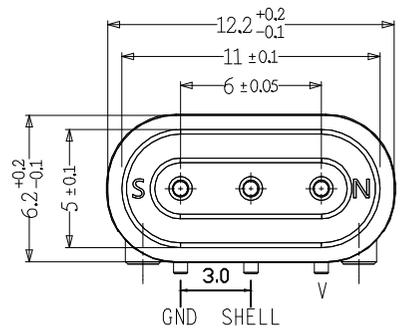
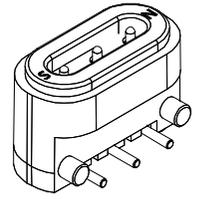


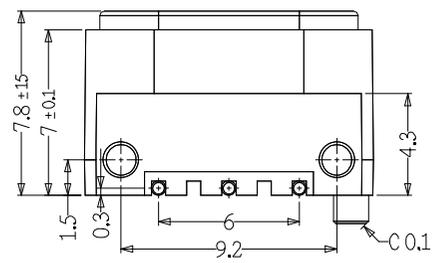
REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A0	2025.11.11	/	NEW	Abel



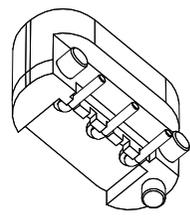
VIEW A
SCALE 3/1



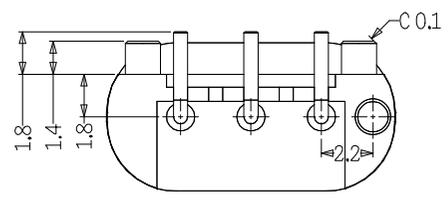
VIEW D
SCALE 2/1



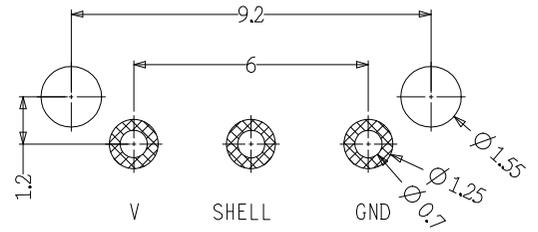
VIEW B
SCALE 3/1



VIEW E
SCALE 2/1



VIEW C
SCALE 3/1



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05
THICKNESS: 0.8mm~1.6mm
Thickness of steel mesh 0.1mm Min

Technical Specifications

- Electrical
Rated current & Voltage: 5-48V/3A
Contact resistance: 50 mΩ
- Mechanical
Spring force at working stroke 1mm: 60gf ± 15gf
Full stroke: 1.2mm
Durability: 50,000 Cycles (minimum)
- Environmental performance
Storage and Operating Temperature range: -40°C ~ +85°C
Humidity range: 10% ~ 90% RH
Withstand High Temperature: 260/10Sec
Salt spray test 48h
Products comply with RoHS, Reach, HF, Standards
- When the current is greater than 1A then need to increase the time delay circuit (1 second)

3	Magnet	NdFeB	Black Ni10um	1pcs	
2	Housing	PA9T	(UL94V-0), Black	1pcs	
1	Pogo pin	Brass	Ni2.5um/Au0.125um	3pcs	
No.	Name or Part Number	Material	Specifications	QTY	Remarks

GENERAL TOLERANCE				UNITS	NAME (INTENDED USE)	PART NO. (INTENDED USE)	TITLE: Customer Drawing For POGO PIN 3.0mm 3P DIP 90° 带柱 H=7.8 磁吸公端
SELECT	TOL.	1	2				
X.XXX	±0.10	±0.15	±0.20	mm	APPD: Abel	CHKD: Vicky	DWG NO.: ATOM-A11914
X.XX	±0.15	±0.20	±0.25				
X.X	±0.20	±0.25	±0.30	FINISH	DR: wsy		SCALE SHEET REV. 1:1 1/1 AO
X.	±0.25	±0.30	±0.50				
ANGLE	±2'			Q'TY			

ATOM 深圳市爱特姆科技有限公司
SHENZHEN ATOM TECHNOLOGY CO., LTD.

SCALE SHEET REV.
1:1 1/1 AO