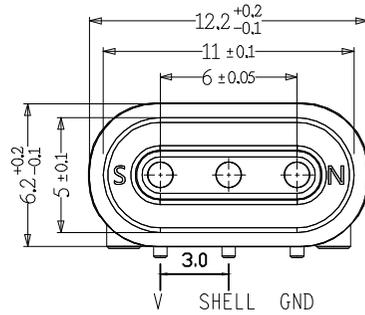
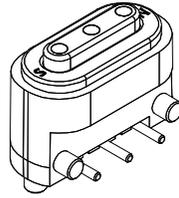


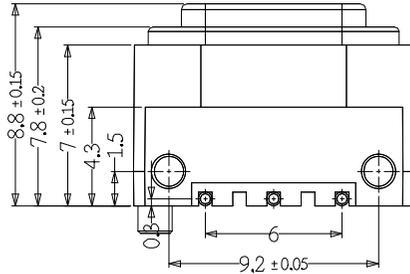
REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A0	2025.11.11	/	NEW	Abel



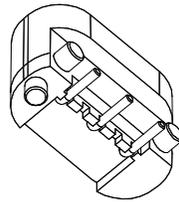
VIEW A
SCALE 3/1



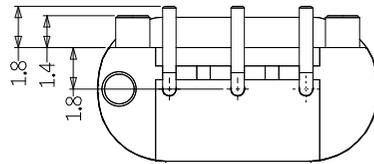
VIEW D
SCALE 2/1



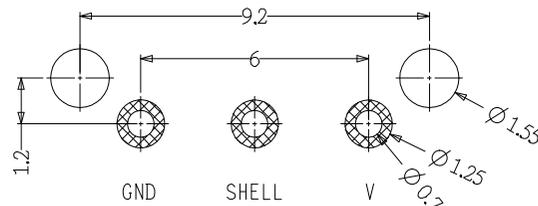
VIEW B
SCALE 3/1



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

1 Electrical

Rated current & Voltage: 5-48V/3A

Contact resistance: 50 mΩ

2 Mechanical

Durability: 50,000 Cycles (minimum)

3 Environmental performance

Storage and Operating Temperature range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Humidity range 10%~90%RH

Withstand ing Hige Temperature: 260/10Sec

Salt spray test 48h

Products comply with RoHs, Reach, HF, Standards

4 When the current is greater than 1A then need to

increase the time delay circuit (1 second)

No.	Name or Part Number	Material	Specifications	QTY	Remarks
3	Magnet	NdFeB	Black N110um	1pcs	
2	Housing	PA9T	UL94V-0	1pcs	
1	Pin	Brass	Ni2.5um/Au0.125um	3pcs	

GENERAL TOLERANCE				UNITS	NAME (INTENDED USE)	PART NO. (INTENDED USE)	TITLE: Customer Drawing For POGO PIN 3.0mm 3P DIP 90°带柱 H=8.8 磁吸母端
SELECT	TOL.	1	2				
ON.		1	2	3	mm	PG30003-*****	DWG NO.: ATOM-A11913
X.XXX	± 0.10	± 0.15	± 0.20		MAT'L		
X.XX	± 0.15	± 0.20	± 0.25		FINISH	APPD: Abel	SCALE: 1:1
X.X	± 0.20	± 0.25	± 0.30			CHKD: Vicky	
X.	± 0.25	± 0.30	± 0.50		Q'TY	DR: wsy	REV.: AO
ANGLE	$\pm 2'$						

UNITS	mm
NAME (INTENDED USE)	POGO PIN
PART NO. (INTENDED USE)	PG30003-*****
APPD:	Abel
CHKD:	Vicky
DR:	wsy

ATOM 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.			
TITLE: Customer Drawing For POGO PIN 3.0mm 3P DIP 90°带柱 H=8.8 磁吸母端			
DWG NO.: ATOM-A11913			
SCALE	SHEET	REV.	
1:1	1/1	AO	