

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			New Release	09/19'23	Davis

ORDERING INFORMATION

CUSTOMER DRAWING

RoHS Compliant

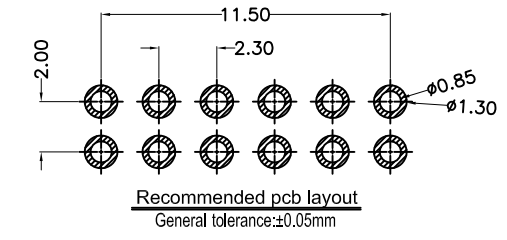
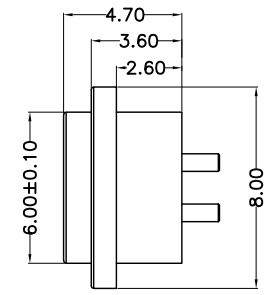
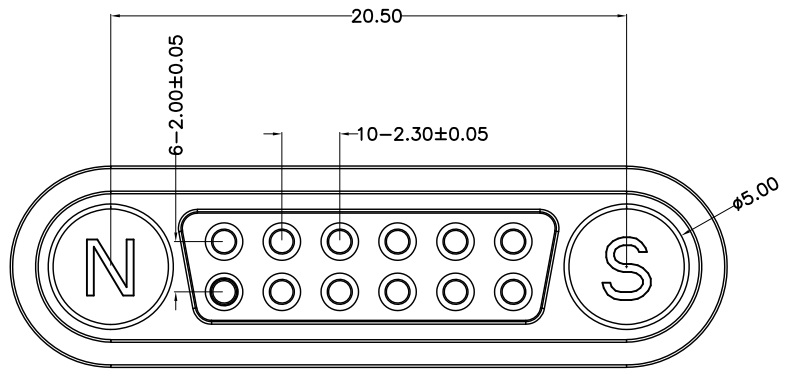
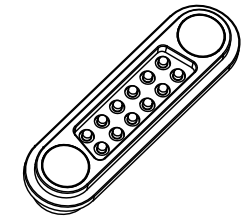
PM1214M - 12V230 G 03

1 2 3 4

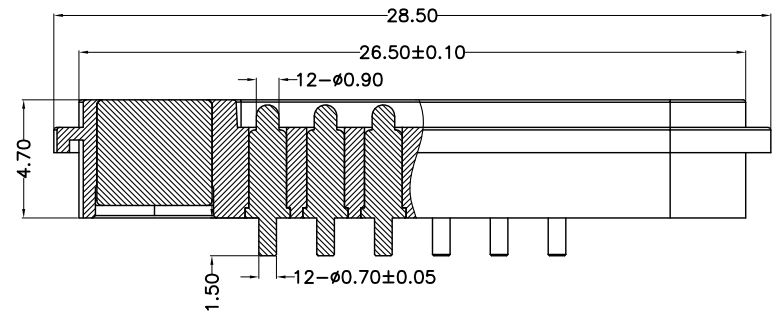
- 1 PRODUCT SERIES
Pogo Pin Magnet – Male type.
- 2 SPEC NOTES:
Dual row 2x6Pin/ Pitch2.30mm
4.70mm Height/Vertical

- 3 PLATING MATERIAL:
G: Gold(Au).
- 4 PLATING THICKNESS:
03: 3u”

3D VIEW



- NOTES:
- 1.Material:
1-1. Housing: High Temp Plastic, UL94V-0.
1-2. Plunger: Copper Alloy.
1-3. Barrel: Copper Alloy.
1-4. Spring: Stainless steel.
1-5. Magnet: NdFeB.
- 2.Plating:
2-1. Plunger: Gold plated over Nickel over all.
2-2. Barrel: Gold plated over Nickel over all.
- 3.Electrical:
3-1. Current Rating : 3.0A AC/DC max.
3-2. Voltage Rating : 12V AC/DC.
3-3. Contact Resistance: 30mΩ Max at working height.
- 4.Mechanical:
4-1. Working Height: 4.0mm.
4-2. Spring Force: 65gf±10gf at working height.
4-3. Reliability: 10,000 cycles Min.
4-4. Don't exceed the Max allowed compression.
- 5.Environment:
5-1. Temperature Range : -40°C~+85°C.
5-2. Humidity Range: 10% RH to 90% RH.
5-3. Salt Spray: 48H.



DIM	TOL	DIM	TOL
X.X	±0.30	X.X*	±3.0*
X.XX	±0.20	X.XX*	±2.0*
X.XXX	±0.10	X.XXX*	±1.0*

SUNFUN		SUNFUN TECHNOLOGY LTD			
DRAW NO.	PM1214M(A0)	DATE	MATERIAL: SEE NOTES	DRAW NAME:	
DESIGN:	Davis	09/19'23	FINISH: SEE NOTES	Pogo Pin Magnet – Male/ Vertical Pitch 2.30mm/ Dual row 2x6Pin/ Height 4.70mm	
CHECK:	Davis	09/19'23	FILE: PM1214M(A0)	MODEL: POGO-PIN CONN	
REVIEW:	Wilson	09/19'23	P/N: PM1214M-12V230G03	UNIT:	SHEET:
APPROVED	Wilson	09/19'23	REV. A0 SCALE	mm	1/1