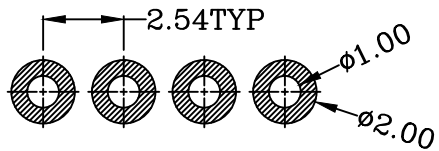
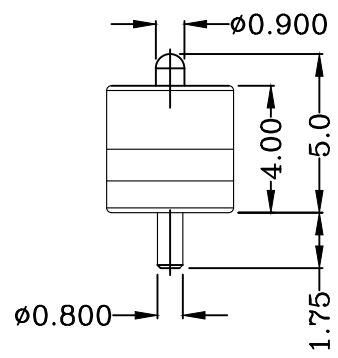
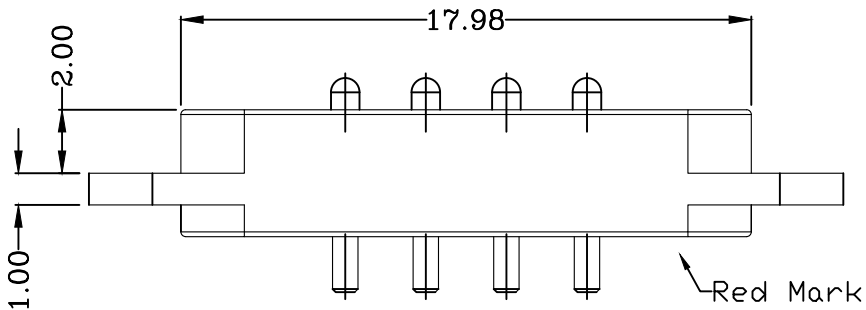
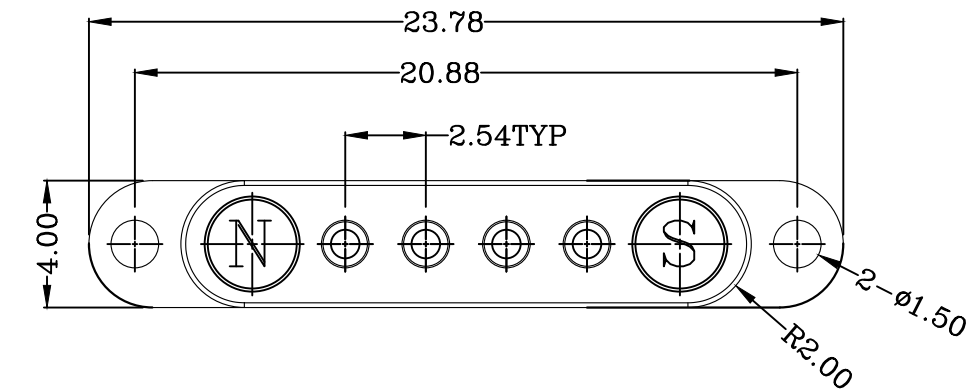


RoHS
Compliant




Recommended PCB Layout
(Component Side.Tol.: ±0.05)

2		1		
N0	Item Name	Q'ty	Material	Finish
1	Plunger	4	Copper Alloy:Brass	Gold over Nickel plating
2	Body	4	Copper Alloy:Brass	Gold over Nickel plating
3	Spring	4	Stainless Steel Wire	_____
4	Housing	1	High Temp. Plastics Black	_____
5	Magnet	2	NdFeB	Nickel plating

- Notes:
- 1 Total Stroke:1.0 mm
 - 2 Mechanical
 - 2.1 Spring force: 50±20gf per pin@1.0mm stroke
 - 2.2 Durability: 20000 cycles min.
 - 3 Electrical
 - 3.1 Contact Resistance: 30mOhm Max.
 - 3.2 Current rating: 2.0A
 - 3.3 Voltage rating: 36VDC Max.
 - 3.4 Insulation Resistance: 500Mohm Min. @500VDC
 - 3.5 Dielectric Withstanding Voltage: 500VAC 1 minute
 - 4 Environmental
 - 4.1 Operating and Storage temperature: -30°C~+70°C
 - 5 RoHS Compliant

X1	NR	2024.11.2
REV.	ECN NO. /CHANGE DESCRIPTION	DATE

GENERAL TOLERANCES (Unless Specified)		SHENZHEN YIWEI TECHNOLOGY CO.,LTD					
.0 ± 0.15	.00 ± 0.10	DWG NO. C—8100562—4	TITLE Magnet Pogo Connector 4Pin 2.54Pitch	PART NO. MG0425BME			
.000 ± 0.05	Angle ± 2°						
THIS DRAWING CONTAINS INFORMATION THAT IS THE SOLE PROPRIETARY TO SHENZHEN YIWEI TECHNOLOGY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DRAWN: Ivan	2024.11.2		SCALE 1:1	SHEET 1/1	REV. X1
		CHK'D: SH	2024.11.2				
		APP'D: Ben	2024.11.2				
SIZE	UNIT						
A4	mm						