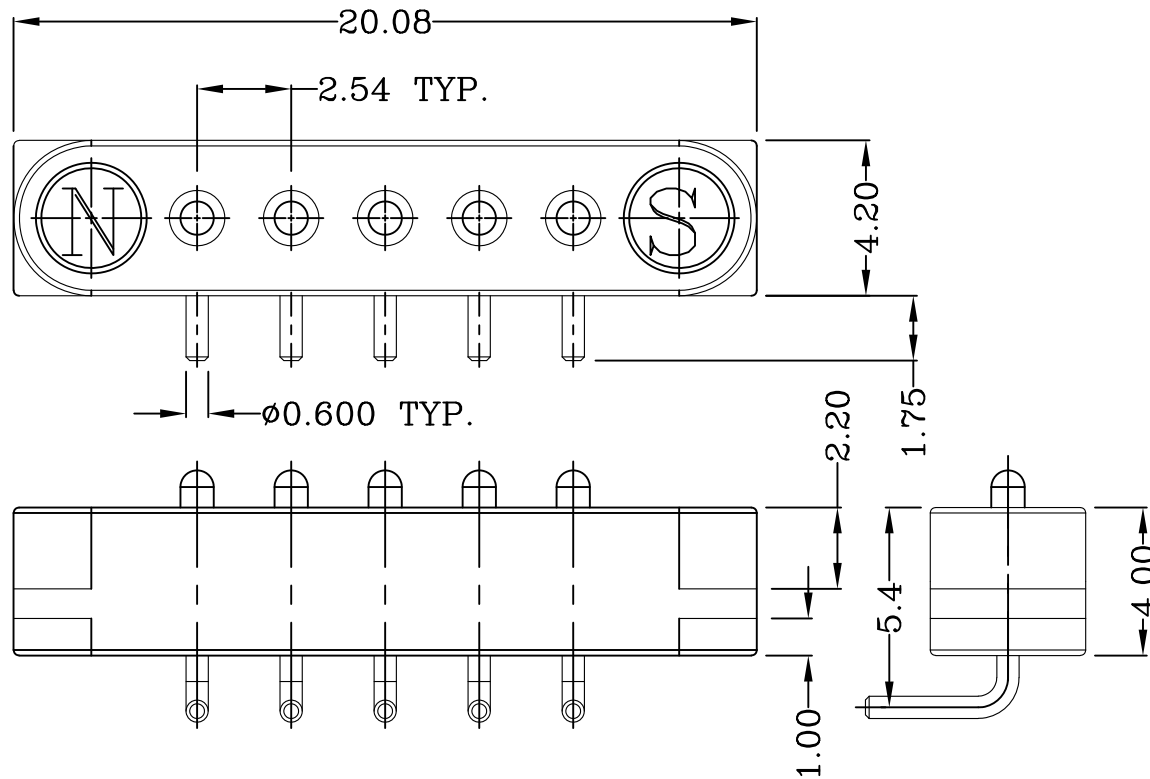


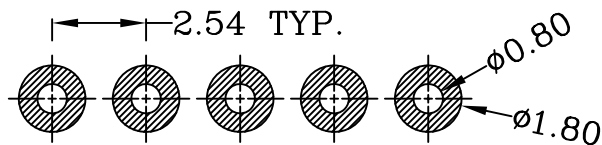
RoHS
Compliant

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



Notes:

- 1 Total Stroke: 0.9 mm
- 2 Mechanical
 - 2.1 Spring force: 50±15gf per pin@0.9mm 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~+65°C
- 5 RoHS Compliant



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

GENERAL TOLERANCES (Unless Specified)		SHENZHEN YIWEI TECHNOLOGY CO.,LTD								
.0 ± 0.15	.00 ± 0.10	C-8100390-5	TITLE Magnet Pogo Connector 5Pin 2.54Pitch Right Angle							
.000 ± 0.05	Angle ± 2°	DRAWN: Ivan	2019.9.5	PART NO. MG05254-M-RA-1N1S						
THIS DRAWING IS CONFIDENTIAL AND COPYRIGHT PROPERTY OF ANLINK. NO FURTHER DISCLOSURE PERMITTED TO OTHER COMPANY BY YOU WITHOUT ANLINKED WRITTEN AUTHORIZATION.		CHK'D: SH	2019.9.5	<table border="1"> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>1:1</td> <td>1/1</td> <td>X1</td> </tr> </table>	SCALE	SHEET	REV.	1:1	1/1	X1
		SCALE	SHEET		REV.					
1:1	1/1	X1								
SIZE	UNIT	APP'D: Ben	2019.9.5							
A4	mm									

REV.	ECN NO. /CHANGE DESCRIPTION	DATE
X1	Proposal	2019.9.5