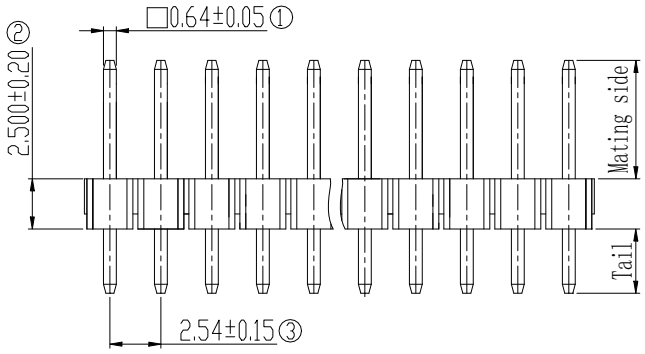
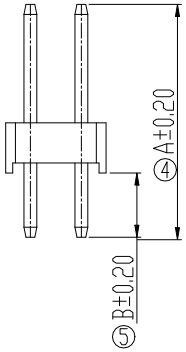
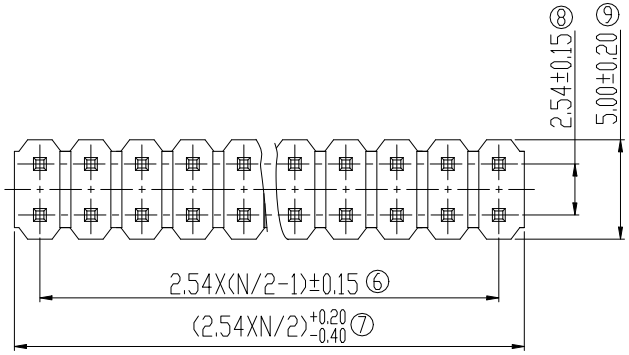
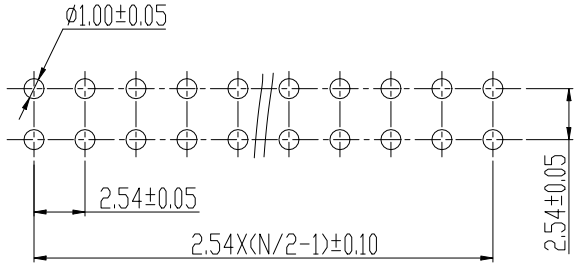






N= Number of contacts



PCB LAYOUT

Performance characteristics:

1. Main body part material
   Insulator: see spec list
   Contact terminal: brass, 1.27 μm Ni under plated, outer plating see spec list
2. Electrical requirements:
   Current rating: 3 A
   Contact resistance: ≤20 mΩ
   Insulation resistance: ≥5000 MΩ
   Withstanding voltage: 1000 Vr.m.s, 1ma, 60s
3. Mechanical requirements
   Retention: ≥10 N/pin
4. Environment specification
   Working temperature: -55℃～+125℃
   Humidity: ≤93% at 40℃
   Resistance to soldering heat: 245℃±5℃, 10s(PBT insulator)
   260℃±5℃, 10s(PPS,PA6T or LCP insulator)
5. Packing & storing
   Method of packing: plastic bag, inner box, outer box
   Storing condition: temperature of -10℃～+40℃
   below 80% relative humidity
6. Style of installation: solder pcb installation
7. To prevent the pollution of the environment product info
   RoHS agreement: In line with the European Union RoHS.

SY1202 - XX X - X X - X

Series code

Terminal number
04～80

Spec code		
Code	Definition	
	A	B
X	Customized	

Spec code	
Code	Definition
0	Solder tail
X	Customized

Plating code		
Code	Definition	
	Contact area	Tail
1	GOLD FLASH	
2	Au 0.25 μm	
5	GOLD FLASH	Sn
6	Au 0.25 μm	Sn
7	Au 0.38 μm	Sn
8	Au 0.76 μm	Sn
J	Au 0.076 μm	Sn
E	Au 0.38 μm or PdNi 0.38 μm+Gold flash	Sn
F	Au 0.76 μm or PdNi 0.76 μm+Gold flash	Sn
B	Sn	

Insulator material & color	
Code	Definition
1	PBT BLACK UL94V-0
2	PPS BLACK UL94V-0
3	LCP BLACK UL94V-0
P	PA6T BLACK UL94V-0

Unless otherwise specified tolerance:

X.	±0.50	X.°	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

Mark	NO.	File NO.	Signature	Date
DRAW		Change Yu 2022.12.07		
CHK		Tim 2023.01.07		
MAN		xyliu	2023.01.10	
STD		Alan	2023.01.10	
APP				

2.54mm pitch double row terminal strips straight pin

SY1202-XXX-XX-X

SY0.1202.100

Projection	Rev.	Weight	Scale
	C0		

All Dimensions in mm | Sheet 1 of 2

SHINCONN

The 7th spec code definition:

Code	A	B	P/N
1	11.60	3.20	SY1202-XX1-0X-X
3	13.50	3.00	SY1202-XX3-0X-X
4	16.00	3.00	SY1202-XX4-0X-X
5	10.20	3.00	SY1202-XX5-0X-X
6	8.70	2.50	SY1202-XX6-0X-X
7	11.00	2.70	SY1202-XX7-0X-X
8	12.20	3.90	SY1202-XX8-0X-X
9	13.80	3.20	SY1202-XX9-0X-X
A	21.08	2.79	SY1202-XXA-0X-X
B	12.00	3.00	SY1202-XXB-0X-X
E	9.10	1.60	SY1202-XXE-0X-X
G	12.50	3.20	SY1202-XXG-0X-X
H	11.60	3.00	SY1202-XXH-0X-X
J	26.00	3.00	SY1202-XXJ-0X-X
K	17.30	3.00	SY1202-XXK-0X-X
M	18.50	3.00	SY1202-XXM-0X-X
P	15.60	3.00	SY1202-XXP-0X-X
Q	22.8	3.00	SY1202-XXQ-0X-X
R	12.20	3.00	SY1202-XXR-0X-X
S	14.70	3.20	SY1202-XXS-0X-X
T	9.80	3.20	SY1202-XXT-0X-X
U	10.50	1.50	SY1202-XXU-0X-X
V	18.00	3.50	SY1202-XXV-0X-X
N	13.25	3.00	SY1202-XXN-0X-X

Mark	NO.	File NO.	Signature	Date
DRAW		Change Yu 2022.12.07		
CHK		Tim 2023.01.07		
MAN		xyliu	2023.01.10	
STD		Alan	2023.01.10	
APP				

2.54mm pitch double row terminal strips straight pin

SY1202-XXX-XX-X

SY0.1202.100

Projection	Rev.	Weight	Scale
	C0		

All Dimensions in mm | Sheet 2 of 2

SHINCONN