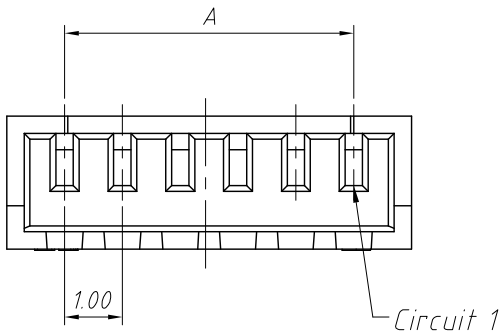
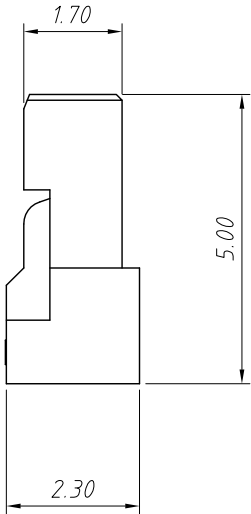
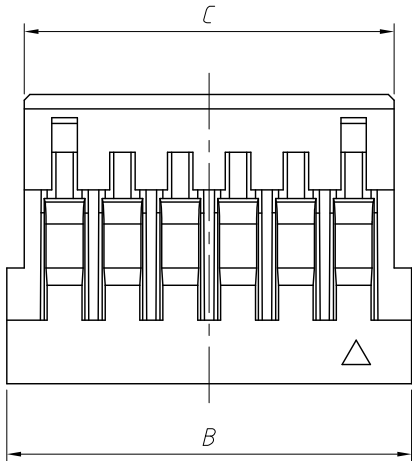


Material:
Housing:PA66 ,UL 94V-0,
Colour:Natural

Electrical Characteristics:
Current rating:1.0A AC,DC
Voltage rating:50V AC,DC
Temperature range:-25℃ ~ + 85℃
Insulationresistance:100MΩ/Min.
Withstanding voltage:500V AC/minute
Contact resistance:20mΩ/Max.



Pins	Dimensions(mm)		
	A	B	C
02	1.00	3.00	2.40
03	2.00	4.00	3.40
04	3.00	5.00	4.40
05	4.00	6.00	5.40
06	5.00	7.00	6.40
07	6.00	8.00	7.40
08	7.00	9.00	8.40
09	8.00	10.00	9.40
10	9.00	11.00	10.40
11	10.00	12.00	11.40
12	11.00	13.00	12.40
13	12.00	14.00	13.40
14	13.00	15.00	14.40
15	14.00	16.00	15.40
16	15.00	17.00	16.40
17	16.00	18.00	17.40
18	17.00	19.00	18.40
19	18.00	20.00	19.40
20	19.00	21.00	20.40

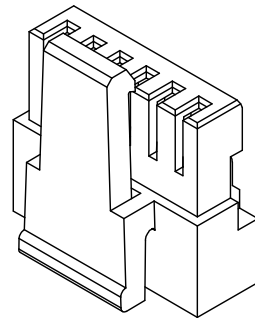
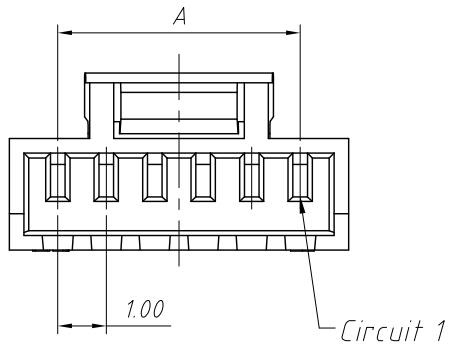
Order Information:
L-KLS1-XF4-1.00-XX-H

L: RoHS
1.00mm Pitch
XX-No.of 02~20pin
Type:H-Hosing
H2-Hosing T-Terminal
VM-Vertical SMT Pin
RM-Horizontal SMT Pin

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				1.00mm Pitch JST wire to board connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-XF4-1.00-XX-H
x.x	±0.30	SHEET SIZE	A4		
x.xx	±0.20	Draw:	Daniel	2020-11-11	
x.xxx	±0.10	Check:	Daniel	2020-11-11	

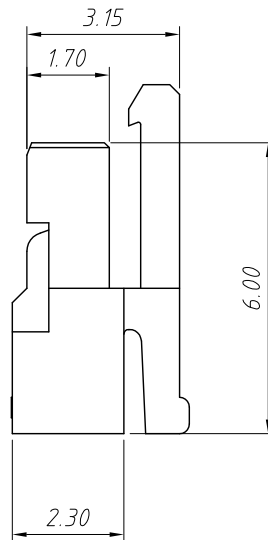
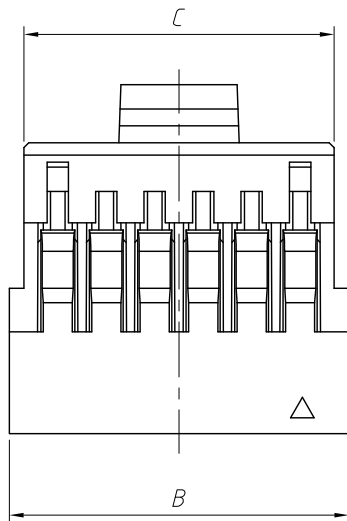


NingBo KLS ELECTRONIC CO.,L TD.



Material:
Housing:PA66 ,UL 94 V-0,
Colour:Natural

Electrical Characteristics:
Current rating:1.0A AC,DC
Voltage rating:50V AC,DC
Temperature range:-25℃ ~ + 85℃
Insulationresistance:100MΩ/Min.
Withstanding voltage:500V AC/minute
Contact resistance:20mΩ/Max.

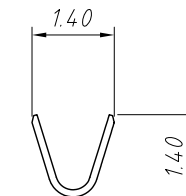
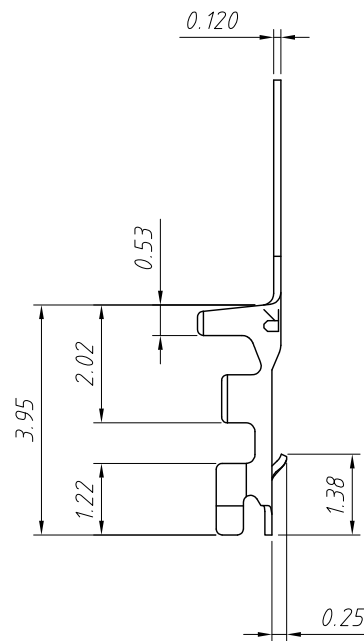
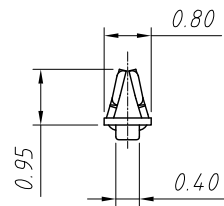
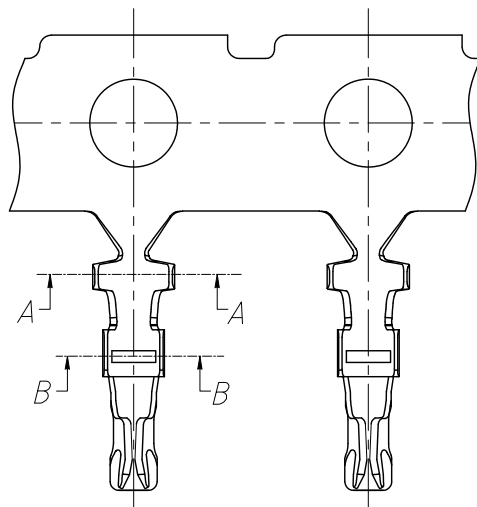


Pins	Dimensions(mm)		
	A	B	C
02	1.00	3.00	2.40
03	2.00	4.00	3.40
04	3.00	5.00	4.40
05	4.00	6.00	5.40
06	5.00	7.00	6.40
07	6.00	8.00	7.40
08	7.00	9.00	8.40
09	8.00	10.00	9.40
10	9.00	11.00	10.40
11	10.00	12.00	11.40
12	11.00	13.00	12.40
13	12.00	14.00	13.40
14	13.00	15.00	14.40
15	14.00	16.00	15.40
16	15.00	17.00	16.40
17	16.00	18.00	17.40
18	17.00	19.00	18.40
19	18.00	20.00	19.40
20	19.00	21.00	20.40

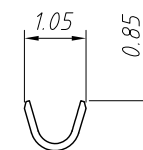
Order Information:
L-KLS1-XF4-1.00-XX-H2

L: RoHS
1.00mm Pitch
XX-No.of 02 ~20pin
Type:H-Hosing
H2-Hosing T-Terminal
VM-Vertical SMT Pin RM-Horizontal SMT Pin

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				1.00mm Pitch JST wire to board connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-XF4-1.00-XX-H2
x.x	±0.30	SHEET SIZE	A4		
x.xx	±0.20	Draw:	Daniel	2020-11-11	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx	±0.10	Check:	Daniel	2020-11-11	



SEC:A-A



SEC:B-B

Material:

Terminal: Phosphor Bronze

Plating: Tin plated over Gold plated

Wire Range: AWG#28-#32

Electrical Characteristics:

Current rating: 1.0A AC,DC

Voltage rating: 50V AC,DC

Temperature range: -25°C ~ +85°C

Insulation resistance: 100MΩ/Min.

Withstanding voltage: 500V AC/minute

Contact resistance: 20mΩ/Max.

Order Information:

L-KLS1-XF4-1.00-T

L: RoHS

1.00mm Pitch

XX-No. of 02~20pin

Type: H-Hosing

H2-Hosing T-Terminal

VM-Vertical SMT Pin

RM-Horizontal SMT Pin

ANGLE TOLERANCE	PROJECTION	Description:
±3°		1.00mm pitch Crimp Terminal
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	Daniel
x.xxx ±0.10	Check:	Daniel
		2020-11-11
		2020-11-11



NingBo KLS ELECTRONIC CO.,LTD.

1
RoHS Compliance

2

3

4

5

6

7

8

A

B

C

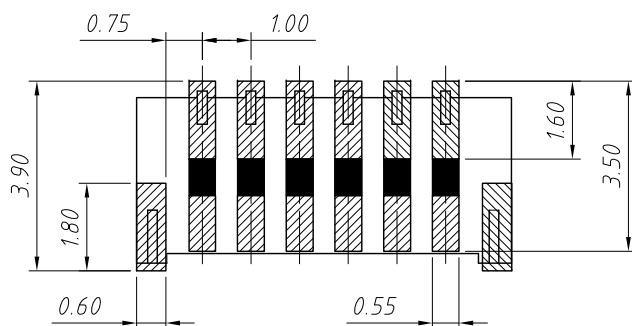
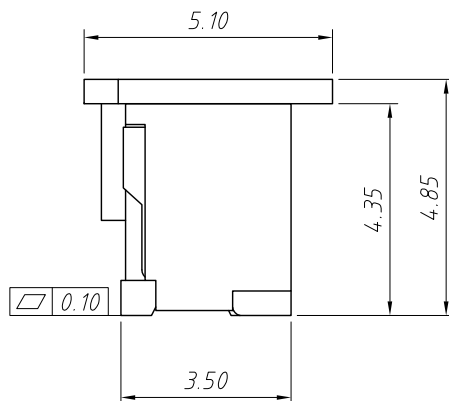
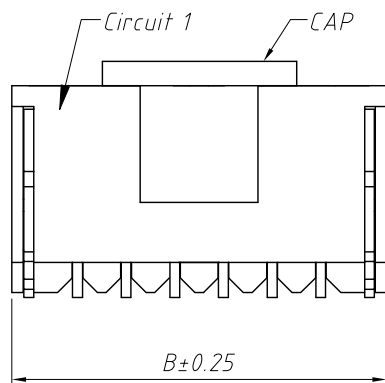
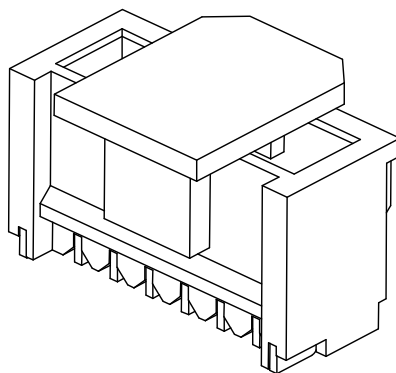
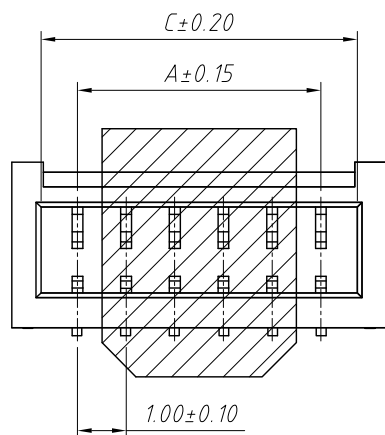
D

E

F

G

H



Recommended PCB Layout
General Tolerance±0.05

Material:
Housing:PA9T,UL 94V-0,
Colour:Natural
Contact : Phosphor Bronze
Plating: Matte Tin plated over Nickel

Electrical Characteristics:
Current rating:1.0A AC,DC
Voltage rating:125V AC,DC
Temperature range:-25°C ~ +85°C
Insulation resistance:100MΩ/Min.
Withstanding voltage:500V AC/minute
Contact resistance:20mΩ/Max.

Order Information:

L-KLS1-XF4-1.00-XX-VM

L: RoHS

1.00mm Pitch

XX-No. of 02~20pin

Type:H-Hosing

H2-Hosing T-Terminal

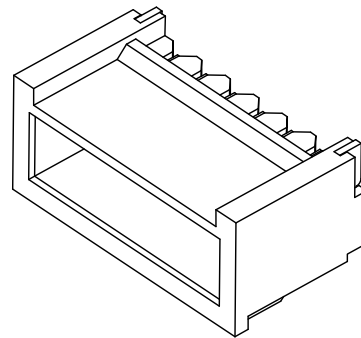
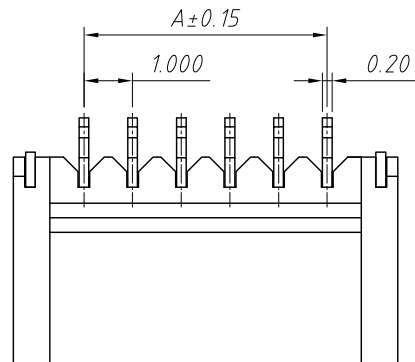
VM-Vertical SMT Pin

RM-Horizontal SMT Pin

Pins	Dimensions(mm)		
	A	B	C
02	1.00	3.70	2.50
03	2.00	4.70	3.50
04	3.00	5.70	4.50
05	4.00	6.70	5.50
06	5.00	7.70	6.50
07	6.00	8.70	7.50
08	7.00	9.70	8.50
09	8.00	10.70	9.50
10	9.00	11.70	10.50
11	10.00	12.70	11.50
12	11.00	13.70	12.50
13	12.00	14.70	13.50
14	13.00	15.70	14.50
15	14.00	16.70	15.50
16	15.00	17.70	16.50
17	16.00	18.70	17.50
18	17.00	19.70	18.50
19	18.00	20.70	19.50
20	19.00	21.70	20.50

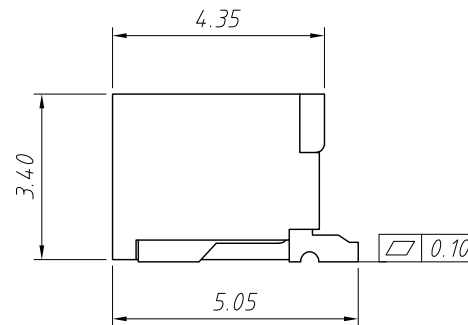
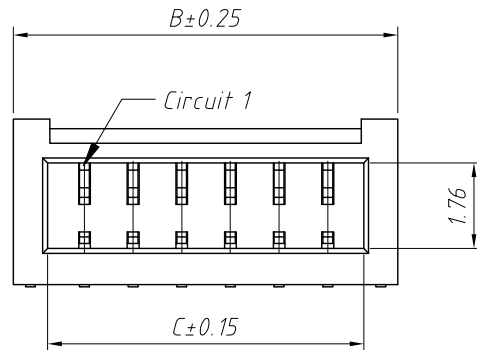
ANGLE TOLERANCE		PROJECTION		Description:	
±3°				1.00mm Pitch JST wire to board connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-XF4-1.00-XX-VM
x.x	±0.30	SHEET SIZE	A4		
x.xx	±0.20	Draw:	Daniel	2020-11-11	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx	±0.10	Check:	Daniel	2020-11-11	

1
RoHS Compliance

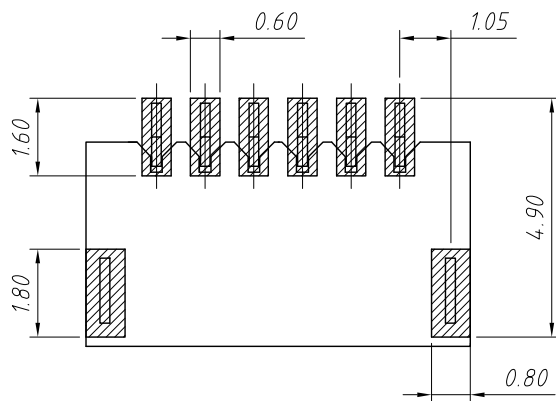


Material:
Housing:PA9T,UL 94V-0,
Colour:Natural
Contact : Phosphor Bronze
Plating: Matte Tin plated over Nickel

Electrical Characteristics:
Current rating:1.0A AC,DC
Voltage rating:125V AC,DC
Temperature range:-25°C~+85°C
Insulation resistance:100MΩ/Min.
Withstanding voltage:500V AC/minute
Contact resistance:20mΩ/Max.



Pins	Dimensions(mm)		
	A	B	C
02	1.00	3.90	2.50
03	2.00	4.90	3.50
04	3.00	5.90	4.50
05	4.00	6.90	5.50
06	5.00	7.90	6.50
07	6.00	8.90	7.50
08	7.00	9.90	8.50
09	8.00	10.90	9.50
10	9.00	11.90	10.50
11	10.00	12.90	11.50
12	11.00	13.90	12.50
13	12.00	14.90	13.50
14	13.00	15.90	14.50
15	14.00	16.90	15.50
16	15.00	17.90	16.50
17	16.00	18.90	17.50
18	17.00	19.90	18.50
19	18.00	20.90	19.50
20	19.00	21.90	20.50



Recommended PCB Layout
General Tolerance±0.05

Order Information:

L-KLS1-XF4-1.00-XX-RM

L: RoHS

1.00mm Pitch

XX-No.of 02~20pin

Type:H-Hosing

H2-Hosing T-Terminal

VM-Vertical SMT Pin RM-Horizontal SMT Pin

ANGLE TOLERANCE	PROJECTION	Description:		
±3°		1.00mm Pitch JST wire to board connector		
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-XF4-1.00-XX-RM
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	Daniel	2020-11-11	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2020-11-11	