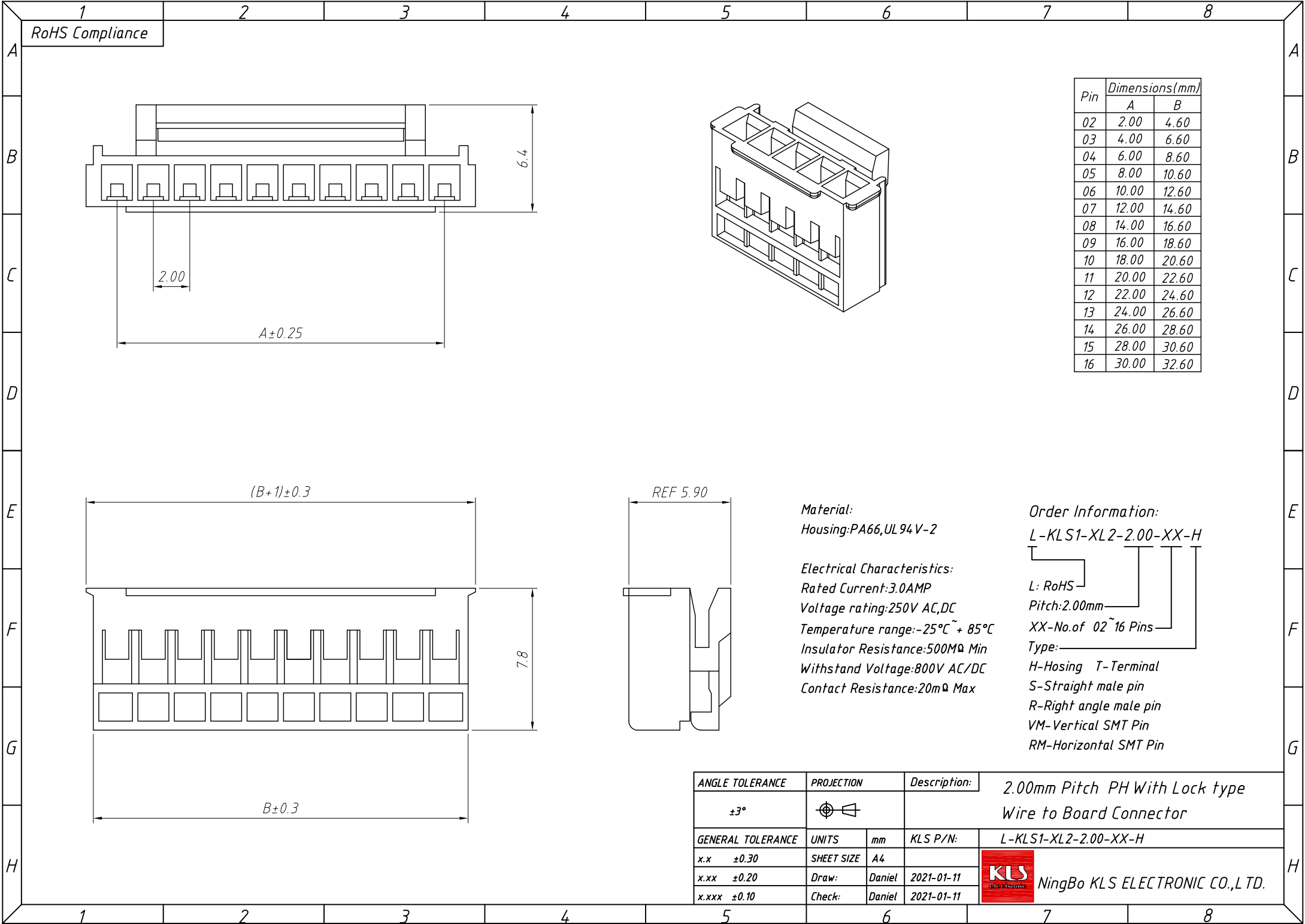




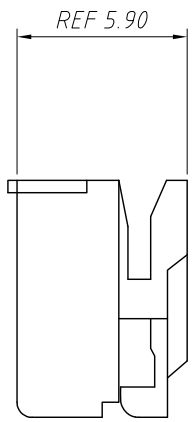
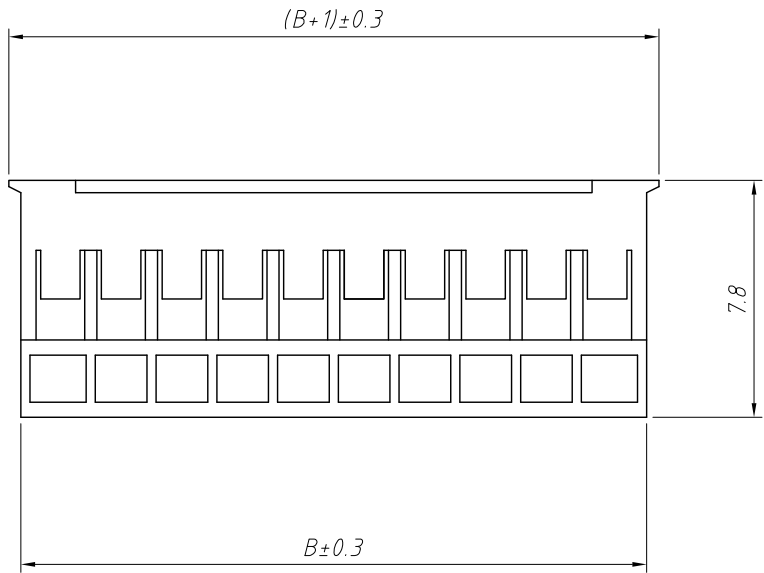
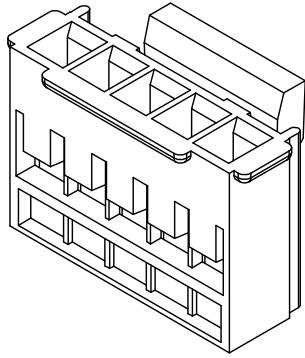
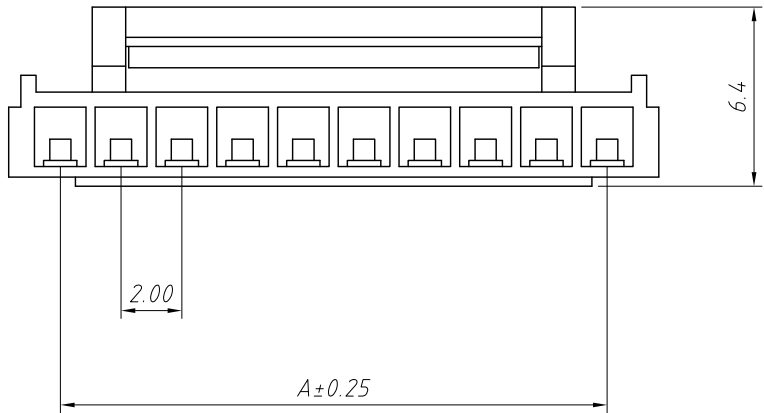
1 RoHS Compliance

A
B
C
D
E
F
G
H

2 3 4 5 6 7 8

Pin	Dimensions(mm)	
	A	B
02	2.00	4.60
03	4.00	6.60
04	6.00	8.60
05	8.00	10.60
06	10.00	12.60
07	12.00	14.60
08	14.00	16.60
09	16.00	18.60
10	18.00	20.60
11	20.00	22.60
12	22.00	24.60
13	24.00	26.60
14	26.00	28.60
15	28.00	30.60
16	30.00	32.60

A
B
C
D
E
F
G
H



Material:
Housing:PA66,UL94V-2

Electrical Characteristics:
Rated Current:3.0AMP
Voltage rating:250V AC,DC
Temperature range:-25°C ~ + 85°C
Insulator Resistance:500MΩ Min
Withstand Voltage:800V AC/DC
Contact Resistance:20mΩ Max

Order Information:
L-KLS1-XL2-2.00-XX-H

L: RoHS
Pitch:2.00mm
XX-No.of 02~16 Pins
Type:
H-Hosing T-Terminal
S-Straight male pin
R-Right angle male pin
VM-Vertical SMT Pin
RM-Horizontal SMT Pin

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.00mm Pitch PH With Lock type Wire to Board Connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-XL2-2.00-XX-H
x.x	±0.30	SHEET SIZE	A4		
x.xx	±0.20	Draw:	Daniel	2021-01-11	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx	±0.10	Check:	Daniel	2021-01-11	

1
RoHS Compliance

2

3

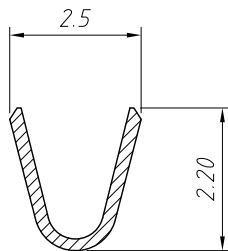
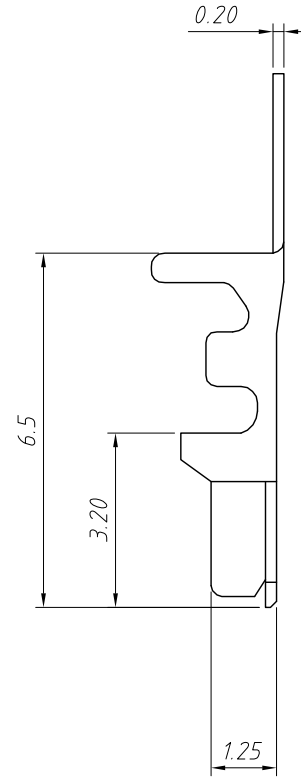
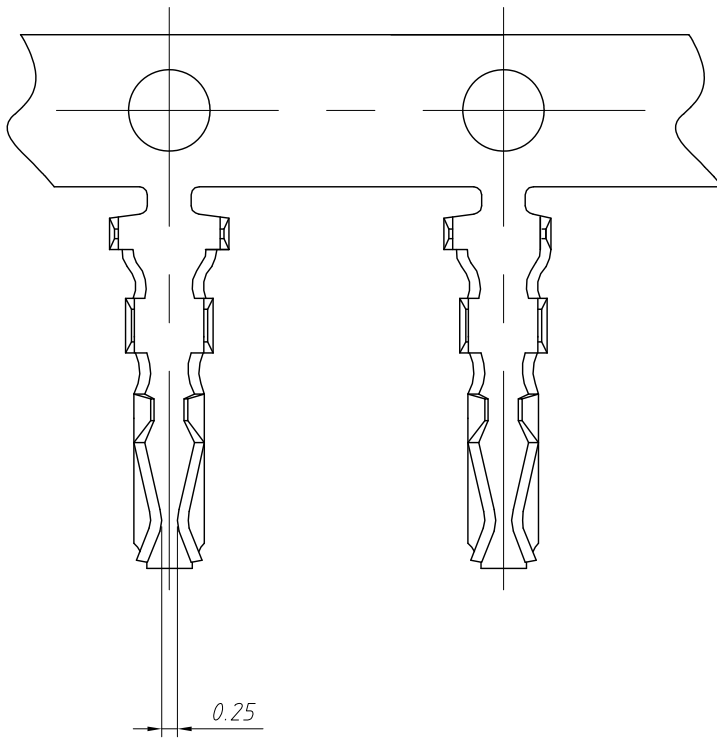
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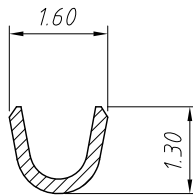
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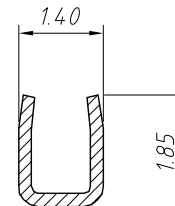
8



A-A



B-B



C-C

Material:

Terminal: Phosphor Bronze

Plating: Tin plated over Nickel

Applicable wires: AWG #28 ~ #22

Insulation O.D: 1.2 To 1.60mm

Qty/reel: 12000 PCS

Electrical Characteristics:

Rated Current: 3.0AMP

Voltage rating: 250V AC, DC

Temperature range: -25°C ~ +85°C

Insulator Resistance: 500MΩ Min

Withstand Voltage: 800V AC/DC

Contact Resistance: 20mΩ Max

Order Information:

L-KLS1-XL2-2.00-T

L: RoHS

Pitch: 2.00mm

Type:

H-Hosing T-Terminal

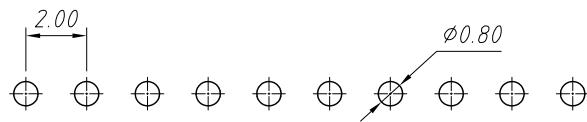
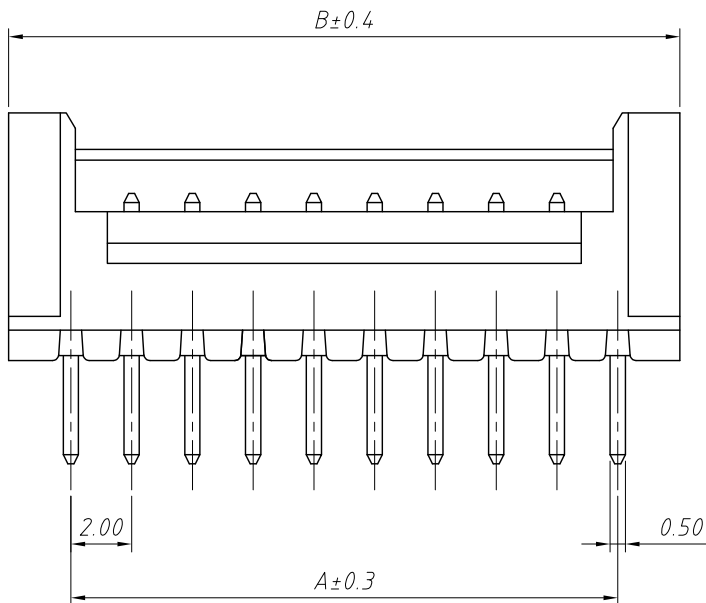
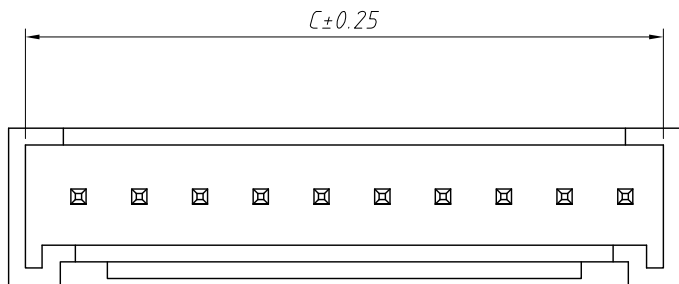
S-Straight male pin

R-Right angle male pin

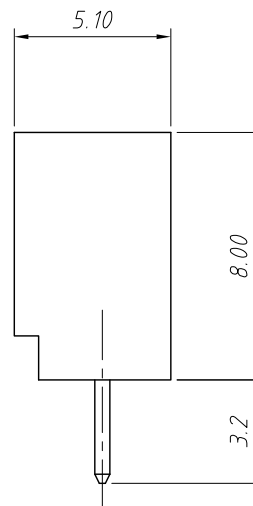
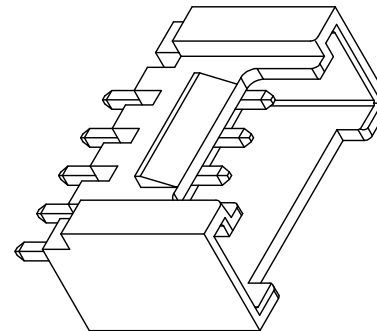
VM-Vertical SMT Pin

RM-Horizontal SMT Pin

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.00mm Pitch PH With Lock type Wire to Board Connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-XL2-2.00-T
x.x	±0.30	SHEET SIZE	A4		
x.xx	±0.20	Draw:	Daniel	2021-01-11	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx	±0.10	Check:	Daniel	2021-01-11	



Recommended PCB Layout



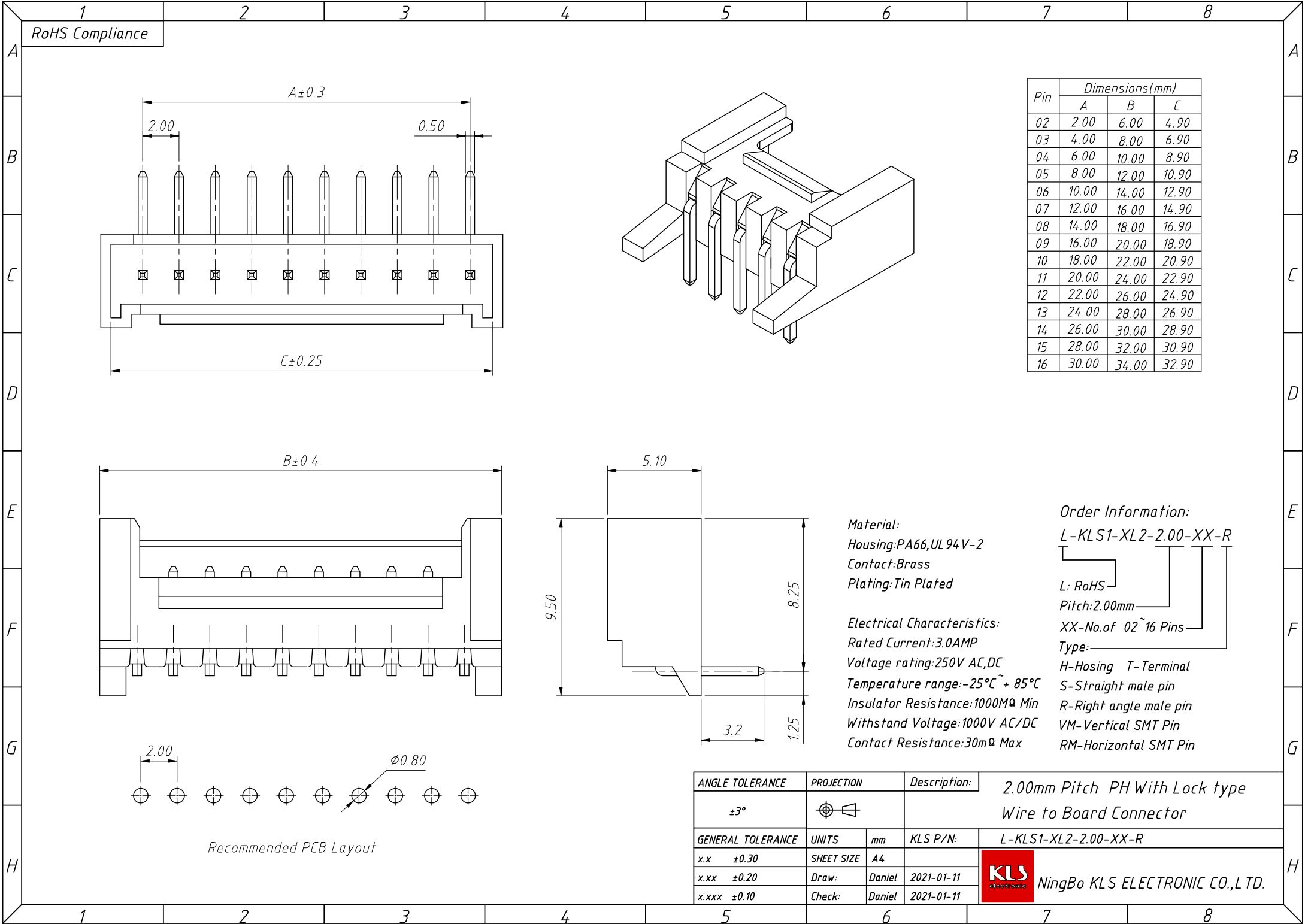
Material:
Housing:PA66,UL 94V-2
Contact:Brass
Plating:Tin Plated

Electrical Characteristics:
Rated Current:3.0AMP
Voltage rating:250V AC,DC
Temperature range:-25°C ~ + 85°C
Insulator Resistance:500MΩ Min
Withstand Voltage:800V AC/DC
Contact Resistance:20mΩ Max

Pin	Dimensions(mm)		
	A	B	C
02	2.00	6.00	4.90
03	4.00	8.00	6.90
04	6.00	10.00	8.90
05	8.00	12.00	10.90
06	10.00	14.00	12.90
07	12.00	16.00	14.90
08	14.00	18.00	16.90
09	16.00	20.00	18.90
10	18.00	22.00	20.90
11	20.00	24.00	22.90
12	22.00	26.00	24.90
13	24.00	28.00	26.90
14	26.00	30.00	28.90
15	28.00	32.00	30.90
16	30.00	34.00	32.90

Order Information:
L-KLS1-XL2-2.00-XX-S
L: RoHS
Pitch:2.00mm
XX-No.of 02~16 Pins
Type:
H-Hosing T-Terminal
S-Straight male pin
R-Right angle male pin
VM-Vertical SMT Pin
RM-Horizontal SMT Pin

ANGLE TOLERANCE	PROJECTION		Description:	2.00mm Pitch PH With Lock type Wire to Board Connector
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-XL2-2.00-XX-S
x.x ±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,LTD.
x.xx ±0.20	Draw:	Daniel	2021-01-11	
x.xxx ±0.10	Check:	Daniel	2021-01-11	



1 RoHS Compliance

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A

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C

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A

B

C

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E

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H

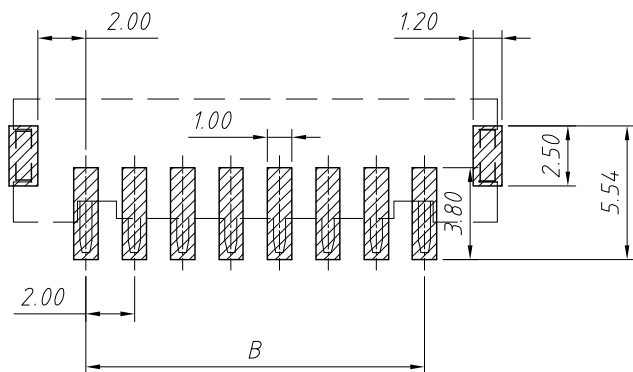
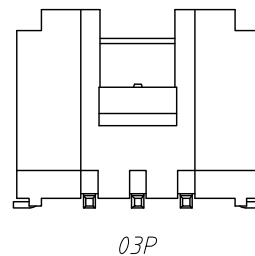
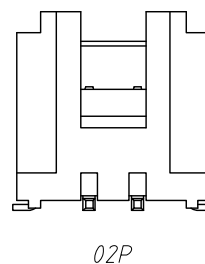
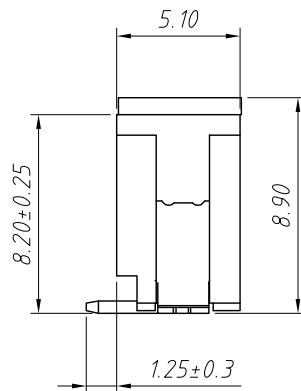
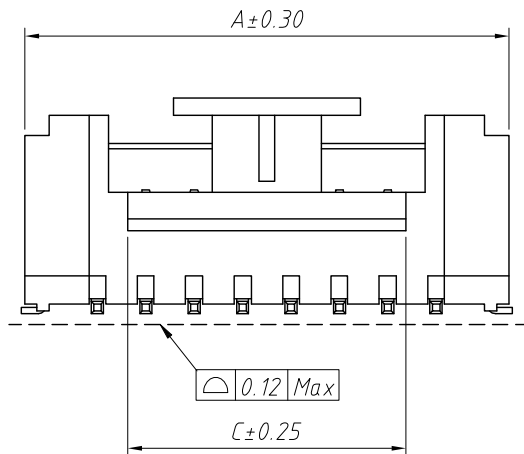
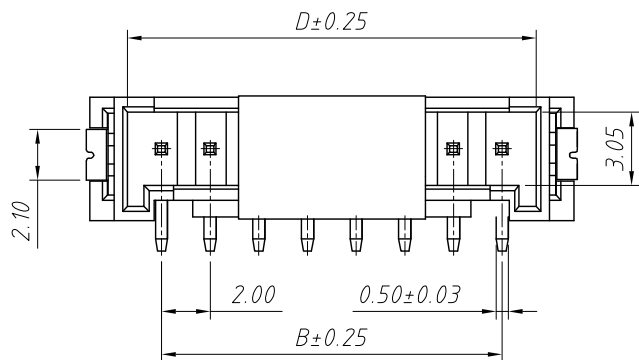
Pin	Dimensions(mm)		
	A	B	C
02	2.00	6.00	4.90
03	4.00	8.00	6.90
04	6.00	10.00	8.90
05	8.00	12.00	10.90
06	10.00	14.00	12.90
07	12.00	16.00	14.90
08	14.00	18.00	16.90
09	16.00	20.00	18.90
10	18.00	22.00	20.90
11	20.00	24.00	22.90
12	22.00	26.00	24.90
13	24.00	28.00	26.90
14	26.00	30.00	28.90
15	28.00	32.00	30.90
16	30.00	34.00	32.90

Material:
Housing:PA66,UL 94V-2
Contact:Brass
Plating:Tin Plated

Electrical Characteristics:
Rated Current:3.0AMP
Voltage rating:250V AC,DC
Temperature range:-25°C ~ + 85°C
Insulator Resistance:1000MΩ Min
Withstand Voltage:1000V AC/DC
Contact Resistance:30mΩ Max

Order Information:
L-KLS1-XL2-2.00-XX-R
L: RoHS
Pitch:2.00mm
XX-No.of 02~16 Pins
Type:
H-Hosing T-Terminal
S-Straight male pin
R-Right angle male pin
VM-Vertical SMT Pin
RM-Horizontal SMT Pin

ANGLE TOLERANCE	PROJECTION	Description:	2.00mm Pitch PH With Lock type Wire to Board Connector	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-XL2-2.00-XX-R
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	Daniel	2021-01-11	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2021-01-11	



Recommended PCB Layout

Material:

Housing:LCP,UL 94 V-0

Contact:Brass

Solder tabs:Phosphor bronze

Plating: in Plated over nickel

Electrical Characteristics:

Rated Current:2.0AMP

Voltage rating:250V AC,DC

Temperature range:-25℃ ~ + 85℃

Insulator Resistance:1000MΩ Min

Withstand Voltage:1000V AC/DC

Contact Resistance:30mΩ Max

Pin	Dimensions(mm)			
	A	B	C	D
02	8.00	2.00	2.70	4.75
03	10.00	4.00	3.20	6.75
04	12.00	6.00	3.50	8.90
05	14.00	8.00	5.50	10.90
06	16.00	10.00	7.50	12.90
07	18.00	12.00	9.50	14.90
08	20.00	14.00	11.50	16.90
09	22.00	16.00	13.50	18.90
10	24.00	18.00	15.50	20.90
11	26.00	20.00	15.50	22.90
12	28.00	22.00	15.50	24.90
13	30.00	24.00	15.50	26.90
14	32.00	26.00	15.50	28.90
15	34.00	28.00	15.50	30.90
16	36.00	30.00	15.50	32.90

Order Information:

L-KLS1-XL2-2.00-XX-VM

L: RoHS

Pitch:2.00mm

XX-No.of 02~16 Pins

Type:

H-Hosing T-Terminal

S-Straight male pin

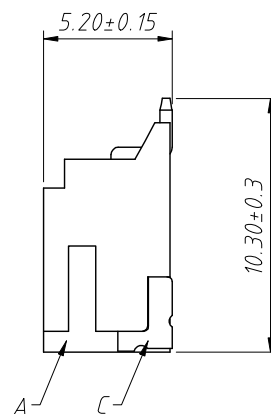
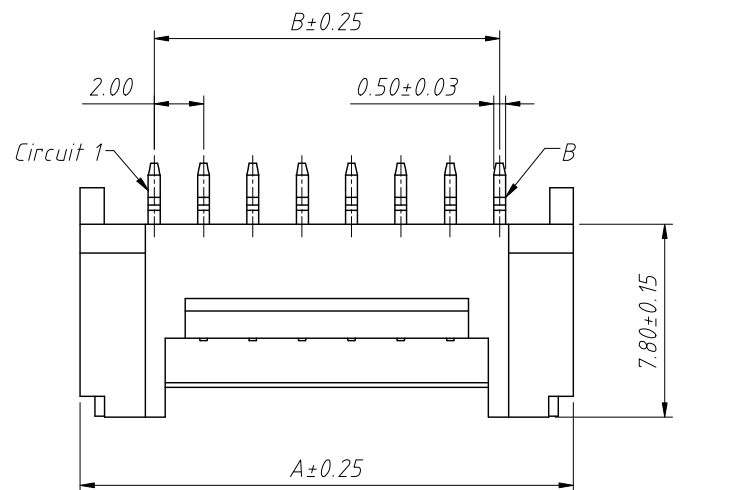
R-Right angle male pin

VM-Vertical SMT Pin

RM-Horizontal SMT Pin

ANGLE TOLERANCE	PROJECTION		Description:	2.00mm Pitch PH With Lock type Wire to Board Connector
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-XL2-2.00-XX-VM
x.x ±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.
x.xx ±0.20	Draw:	Daniel	2021-01-11	
x.xxx ±0.10	Check:	Daniel	2021-01-11	

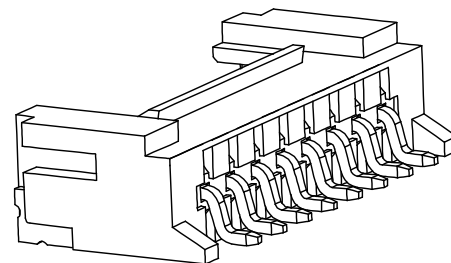
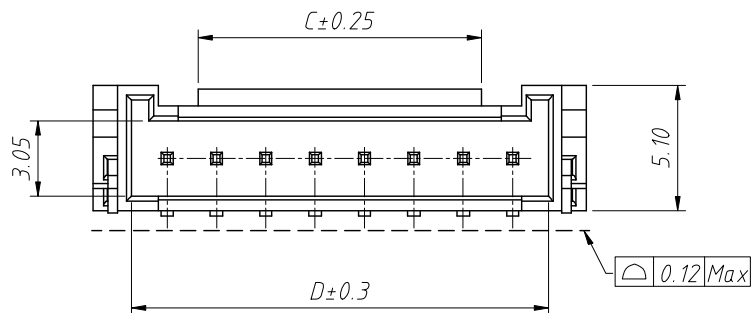
RoHS Compliance



Material:
Insulator:LCP,UL 94 V-0
Contact:Brass
Solder Nail:Brass
Plating: Tin plated over Nickel

Electrical Characteristics:
Rated Current:2.0AMP
Voltage rating:250V AC,DC
Temperature range:-25°C ~ +85°C
Insulator Resistance:1000MΩ Min
Withstand Voltage:1000V AC/DC
Contact Resistance:20mΩ Max

Pin	Dimensions(mm)			
	A	B	C	D
02	8.00	2.00	2.70	4.75
03	10.00	4.00	3.20	6.75
04	12.00	6.00	3.50	8.90
05	14.00	8.00	5.50	10.90
06	16.00	10.00	7.50	12.90
07	18.00	12.00	9.50	14.90
08	20.00	14.00	11.50	16.90
09	22.00	16.00	13.50	18.90
10	24.00	18.00	15.50	20.90
11	26.00	20.00	15.50	22.90
12	28.00	22.00	15.50	24.90
13	30.00	24.00	15.50	26.90
14	32.00	26.00	15.50	28.90
15	34.00	28.00	15.50	30.90
16	36.00	30.00	15.50	32.90



Order Information:
L-KLS1-XL2-2.00-XX-RM

L: RoHS

Pitch:2.00mm

XX-No.of 02~16 Pins

Type:

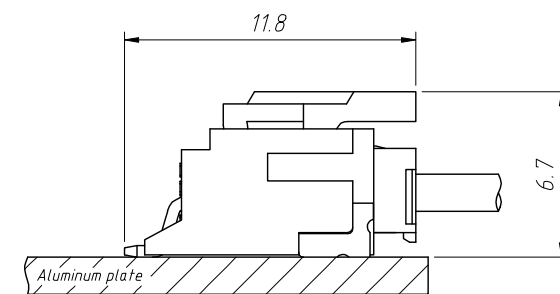
H-Hosing T-Terminal

S-Straight male pin

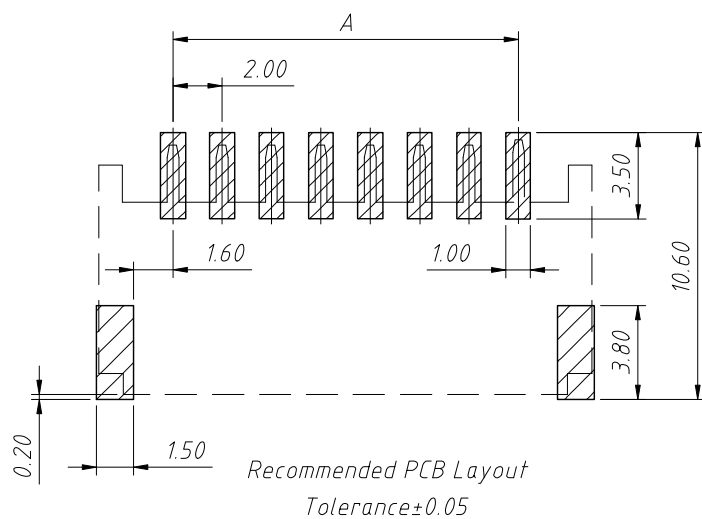
R-Right angle male pin

VM-Vertical SMT Pin

RM-Horizontal SMT Pin



Assembly Layout



Recommended PCB Layout
Tolerance±0.05

ANGLE TOLERANCE	PROJECTION	Description:	2.00mm Pitch PH With Lock type Wire to Board Connector
±3°			
GENERAL TOLERANCE	UNITS	mm	L-KLS1-XL2-2.00-XX-RM
x.x ±0.30	SHEET SIZE	A4	
x.xx ±0.20	Draw:	Daniel	2021-01-11
x.xxx ±0.10	Check:	Daniel	



NingBo KLS ELECTRONIC CO.,LTD.