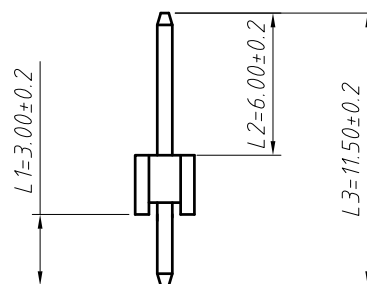
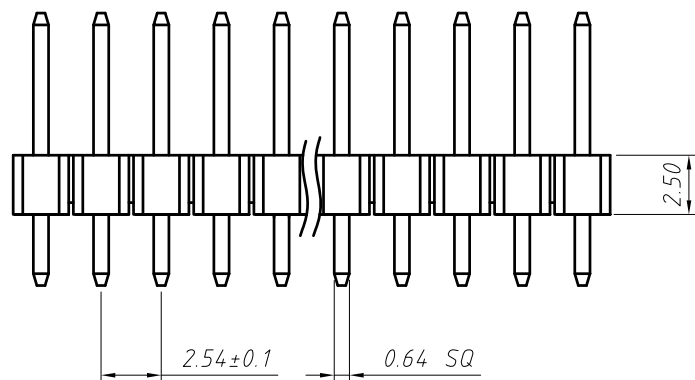


Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94V-0

Electrical Characteristics:
Rated Current: 3AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C ~ +105°C

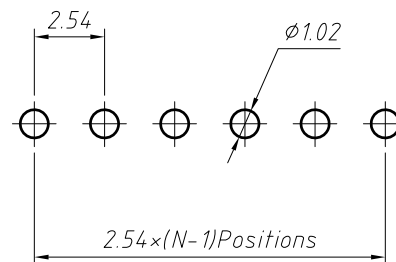
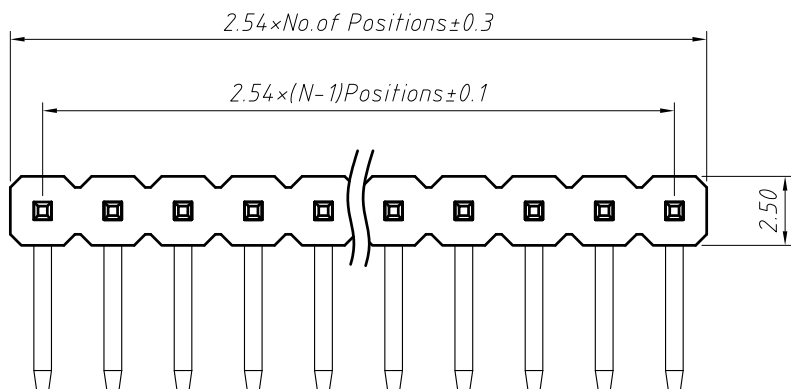


Order Information:
L-KLS1-207-2.50-1-XX-S-L1xL2xL3-G0

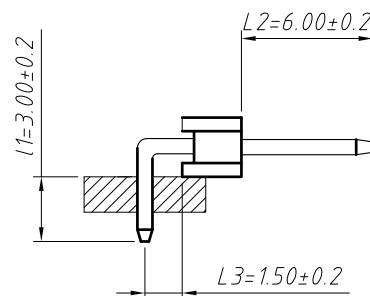
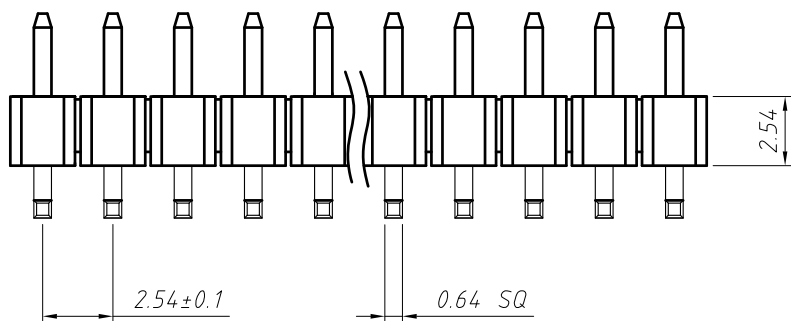
L: RoHS
Pin Header Series
207: 2.54mm
Plastics Height:
1.50, 1.70, 2.00, 2.50 mm
Per Row: Single layer
Pin: No. of Pins (1x40)
Type: Straight Pin
Size: L1xL2xL3
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold

Dimension antitheses list (mm)				
ITEM	L1	L2	L3	Plastic Height
Standard	3.00	6.00	11.50	2.50
Nonstandard	---	---	---	---

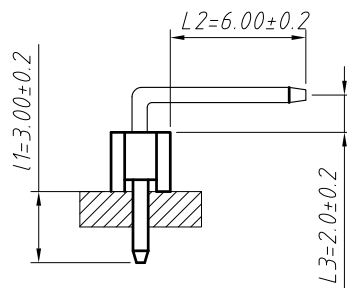
ANGLE TOLERANCE	PROJECTION		Description:		2.54mm Pin Header	
±3°					Single layer, Straight Pin, 1xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-207-2.50-1-XX-S-L1xL2xL3-G0		
x.x ±0.30	SHEET SIZE	A4			NingBo KLS ELECTRONIC CO.,L TD.	
x.xx ±0.20	Draw:	Daniel	2018-07-10			
x.xxx ±0.10	Check:	Daniel	2018-07-10			



Recommended P.C.B Hole Layout



R2 Type



R1 Type

Dimension antitheses list (mm)				
ITEM	L1	L2	L3	Plastic Height
Standard R1	3.00	6.00	2.00	2.50
Standard R2	3.00	6.00	1.50	2.50
Nonstandard	---	---	---	---

Material:

Standard:PA6T

Contact: Brass

Insulator:Polyester,UL 94 V-0

Electrical Characteristics:

Rated Current: 3AMP

Contact Resistance: 20mΩ Max

Withstand Voltage: 1000V AC/DC

Insulator Resistance: 1000MΩ Min

Mechanical

Operating Temperature: -40°C~+105°C

Max.Processing Temp: 240°C for30-60seconds
(260°C for10seconds)

Order Information:

L-KLS1-207-2.50-1-XX-R1-L1xL2xL3-G0

L: RoHS

Pin Header Series

207: 2.54mm

Plastics Height:

1.50、1.70、2.00、2.50 mm

Per Row:Single layer

Pin: No. of Pins (1x40)

Right Angle Pin:R1 Type 、R2 Type

Size: L1xL2xL3

Plating:

G0=Gold Flash

G1=1u" Gold

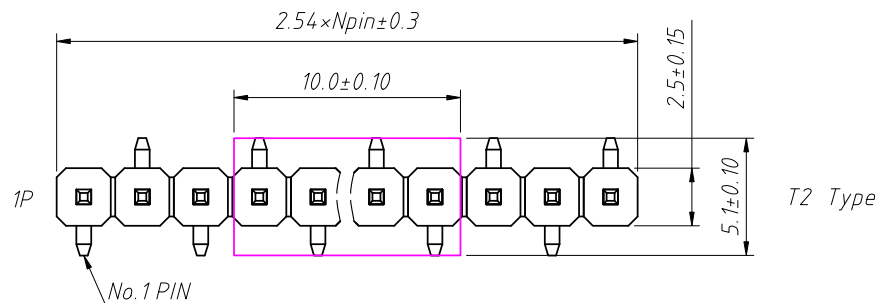
G10=10u" Gold

G15=15u" Gold

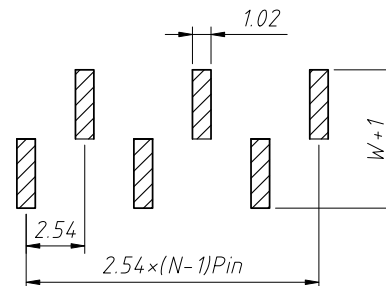
G30=30u" Gold

ANGLE TOLERANCE	PROJECTION		Description:		2.54mm Pin Header	
±3°			Single layer,Right Angle Pin,1xN Pin			
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-207-2.50-1-XX-R1-L1xL2xL3-G0		
x.x ±0.30	SHEET SIZE	A4			NingBo KLS ELECTRONIC CO.,L TD.	
x.xx ±0.20	Draw:	Daniel	2018-07-10			
x.xxx ±0.10	Check:	Daniel	2018-07-10			

RoHS Compliance



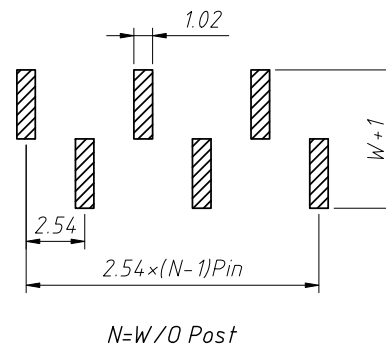
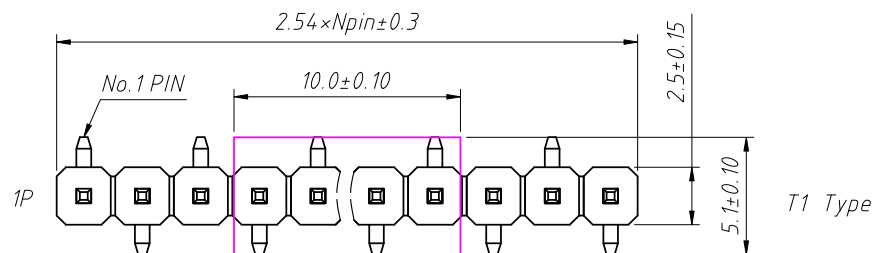
Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)



Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94 V-0

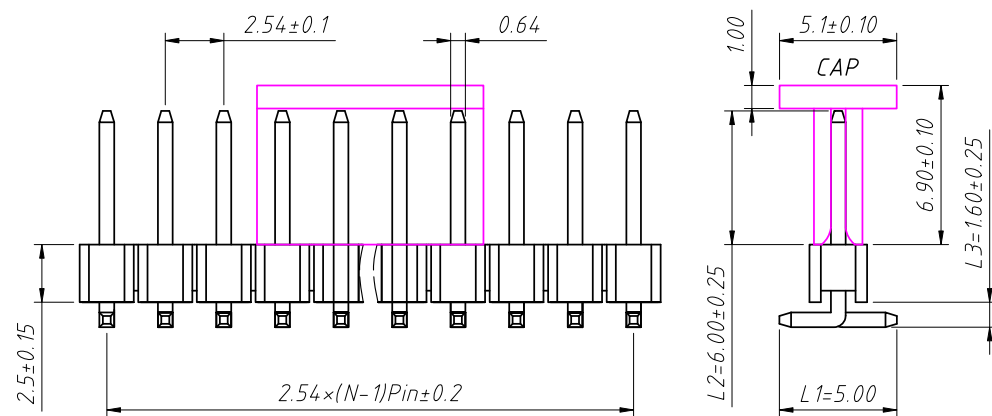
Electrical Characteristics:
Rated Current: 3AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C ~ +105°C
Max. Processing Temp: 230°C for 30-60 seconds
(260°C for 5 seconds)



Order Information:
L-KLS1-207-2.50-1-XX-T1-L1xL2xL3-G0-N-R

L: RoHS
Pin Header Series—
207: 2.54mm
Plastics Height:—
1.50, 1.70, 2.00, 2.50 mm
Per Row: Single layer—
Pin: No. of Pins (1x40)—
SMT: T1 Type, T2 Type—
Size: L1xL2xL3—
Plating:—
G0=Gold Flash G1=1u" Gold G10=10u" Gold
G15=15u" Gold G30=30u" Gold
Post: W=With Post N=W/O Post—
Packing:—
0=PE Bag A=Tray T=Tube
P=Tube+Cap R=Reel+Cap (A)



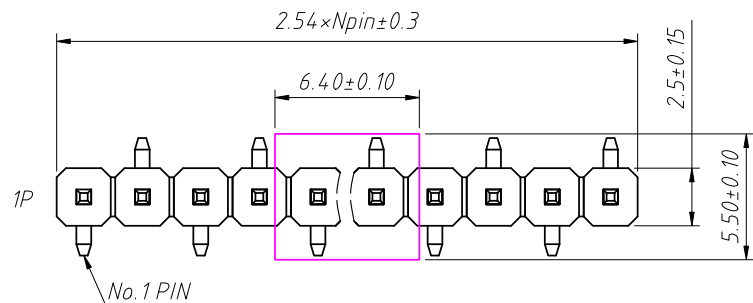
Dimension antitheses list (mm)				
ITEM	L1	L2	L3	Plastic Height
Standard	5.00	6.00	1.60	2.50
Nonstandard	---	---	---	---

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.54mm Pin Header	
GENERAL TOLERANCE		UNITS		Single layer, SMT, 1xN Pin	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-207-2.50-1-XX-T1-L1xL2xL3-G0-N-R	
x.xx	±0.20	Draw:	Daniel	2018-07-10	
x.xxx	±0.10	Check:	Daniel	2018-07-10	



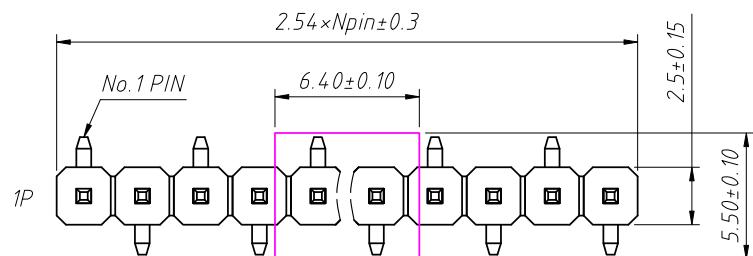
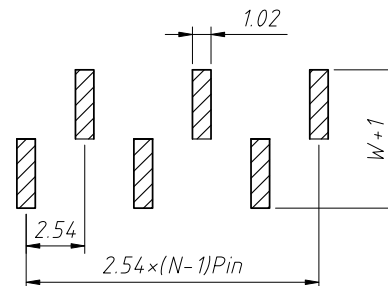
NingBo KLS ELECTRONIC CO.,L TD.

RoHS Compliance

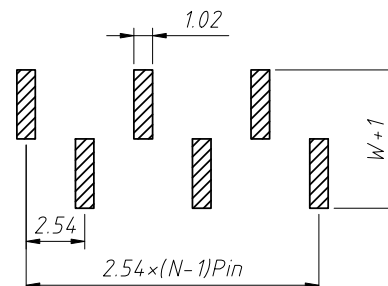


T2 Type

Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)



T1 Type



N=W/O Post

Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94 V-0

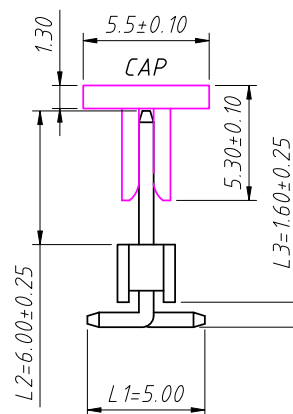
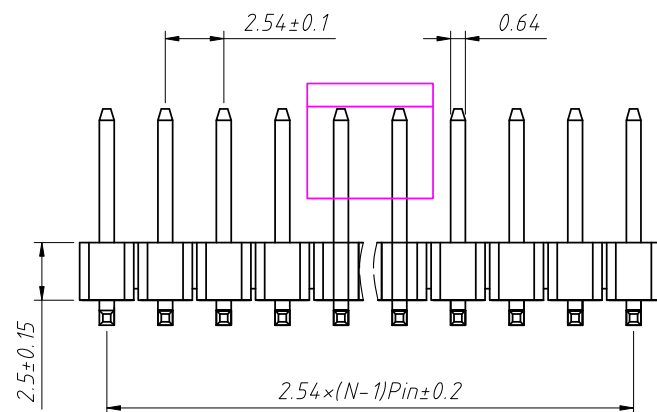
Electrical Characteristics:
Rated Current: 3AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C ~ +105°C
Max. Processing Temp: 230°C for 30-60 seconds
(260°C for 5 seconds)

Order Information:

L-KLS1-207-2.50-1-XX-T1-L1xL2xL3-G0-N-R

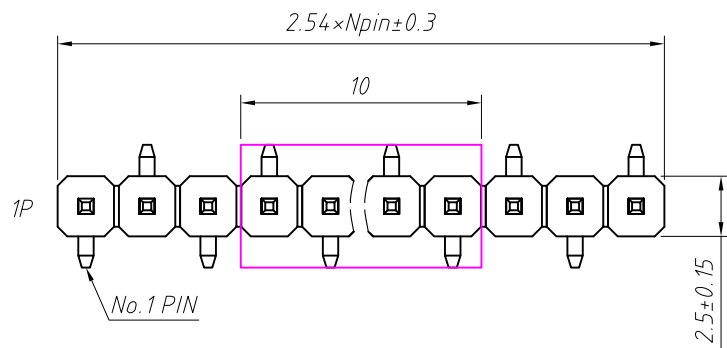
L: RoHS
Pin Header Series—
207: 2.54mm
Plastics Height:—
1.50, 1.70, 2.00, 2.50 mm
Per Row: Single layer—
Pin: No. of Pins (1x40)—
SMT: T1 Type, T2 Type—
Size: L1xL2xL3—
Plating:—
G0=Gold Flash G1=1u" Gold G10=10u" Gold
G15=15u" Gold G30=30u" Gold
Post: W=With Post N=W/O Post—
Packing:—
0=PE Bag A=Tray T=Tube
P=Tube+Cap R=Reel+Cap (B)



Dimension antitheses list (mm)				
ITEM	L1	L2	L3	Plastic Height
Standard	5.00	6.00	1.60	2.50
Nonstandard	---	---	---	---

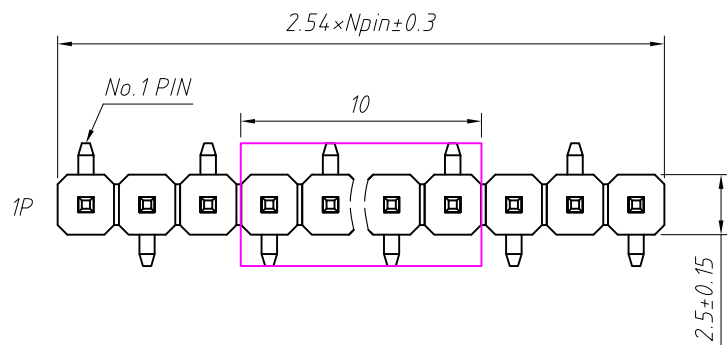
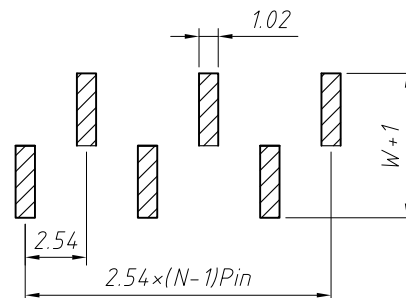
ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.54mm Pin Header	
GENERAL TOLERANCE		UNITS		Single layer, SMT, 1xN Pin	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-207-2.50-1-XX-T1-L1xL2xL3-G0-N-R	
x.xx	±0.20	Draw:	Daniel	NingBo KLS ELECTRONIC CO.,L TD.	
x.xxx	±0.10	Check:	Daniel		

RoHS Compliance

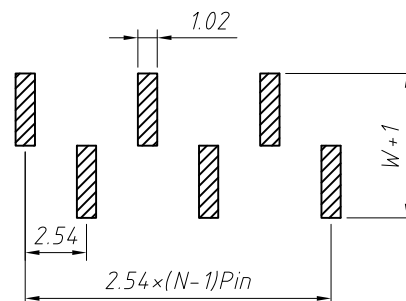


T2 Type

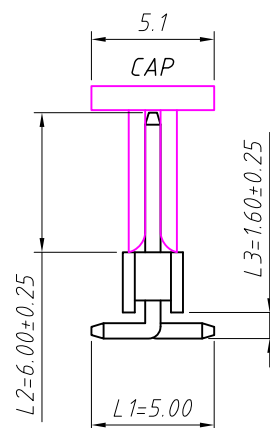
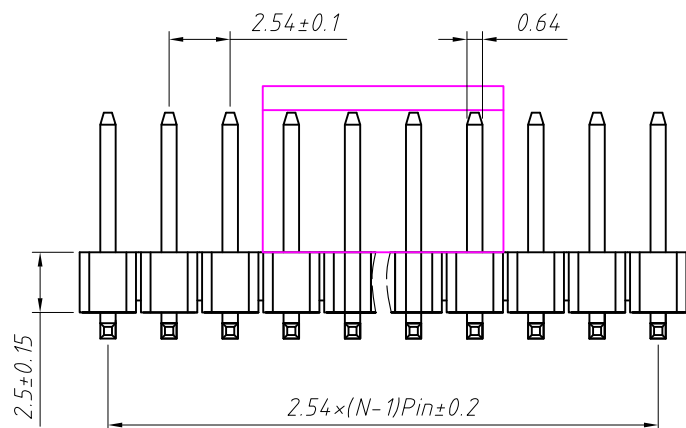
Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)



T1 Type



N=W/O Post



Dimension antitheses list (mm)				
ITEM	L1	L2	L3	Plastic Height
Standard	5.00	6.00	1.60	2.50
Nonstandard	---	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:	
±3°		2.54mm Pin Header Single layer, SMT, 1xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS1-207-2.50-1-XX-T1-L1xL2xL3-G0-N-R
x.xx ±0.20	Draw:	Daniel	2018-07-10
x.xxx ±0.10	Check:	Daniel	2018-07-10

Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94V-0

Electrical Characteristics:
Rated Current: 3AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: 1000MΩ Min

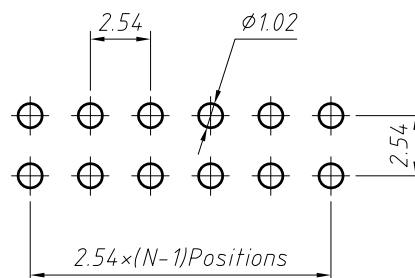
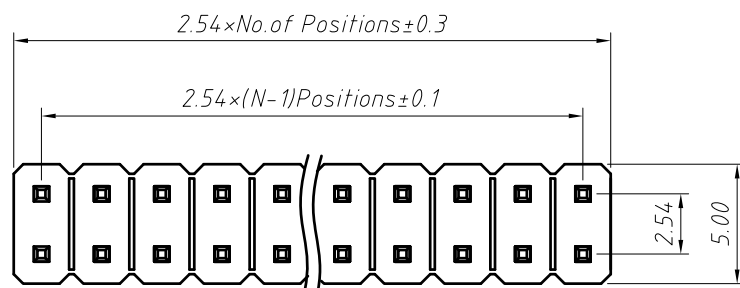
Mechanical
Operating Temperature: -40°C ~ +105°C
Max. Processing Temp: 230°C for 30-60 seconds
(260°C for 5 seconds)

Order Information:
L-KLS1-207-2.50-1-XX-T1-L1xL2xL3-G0-N-R

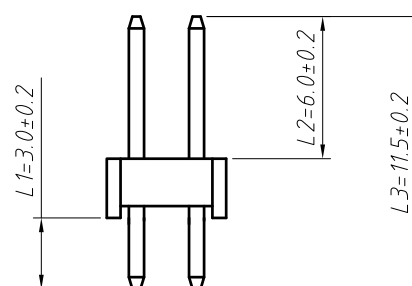
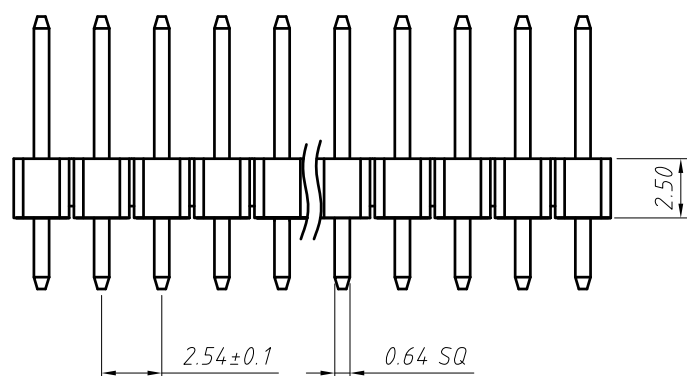
L: RoHS
Pin Header Series
207: 2.54mm
Plastics Height:
1.50, 1.70, 2.00, 2.50 mm
Per Row: Single layer
Pin: No. of Pins (1x40)
SMT: T1 Type, T2 Type
Size: L1xL2xL3
Plating:
G0=Gold Flash G1=1u" Gold G10=10u" Gold
G15=15u" Gold G30=30u" Gold
Post: W=With Post N=W/O Post
Packing:
0=PE Bag A=Tray T=Tube
P=Tube+Cap R=Reel+Cap



NingBo KLS ELECTRONIC CO., LTD.



Recommended P.C.B Hole Layout



Material:

Standard: PA6T

Contact: Brass

Insulator: Polyester, UL 94 V-0

Electrical Characteristics:

Rated Current: 3AMP

Contact Resistance: 20mΩ Max

Withstand Voltage: 1000V AC/DC

Insulator Resistance: 1000MΩ Min

Mechanical

Operating Temperature: -40°C ~ +105°C

Order Information:

L-KLS1-207-2.50-2-XX-S-L1xL2xL3-G0

L: RoHS

Pin Header Series

207: 2.54mm

Plastics Height:

1.50, 1.70, 2.00, 2.50 mm

Per Row: Dual Row

Pin: No. of Pins (2x40)

Type: Straight Pin

Size: L1xL2xL3

Plating:

G0=Gold Flash G1=1u" Gold

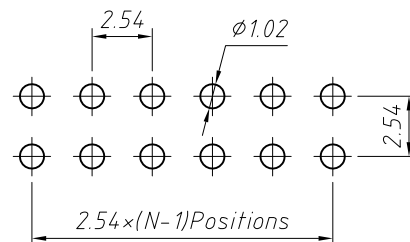
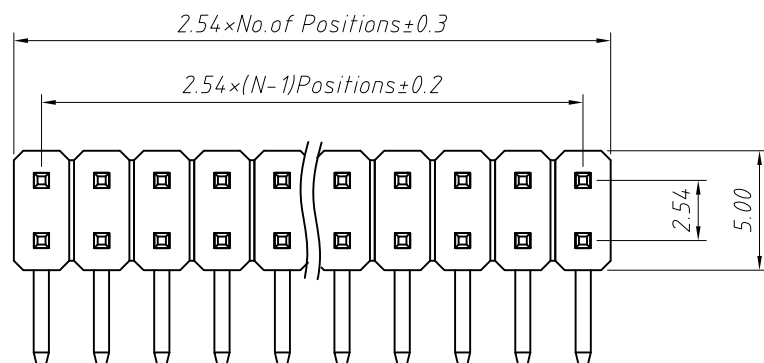
G10=10u" Gold G15=15u" Gold

G30=30u" Gold

Dimension antitheses list (mm)

ITEM	L1	L2	L3	Plastic Height
Standard	3.00	6.00	11.5	2.50
Nonstandard	---	---	---	---

ANGLE TOLERANCE	PROJECTION		Description:		2.54mm Pin Header Dual Row, Straight Pin, 2xN Pin	
±3°						
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-207-2.50-2-XX-S-L1xL2xL3-G0		
x.x ±0.30	SHEET SIZE	A4			NingBo KLS ELECTRONIC CO.,LTD.	
x.xx ±0.20	Draw:	Daniel	2018-07-10			
x.xxx ±0.10	Check:	Daniel	2018-07-10			

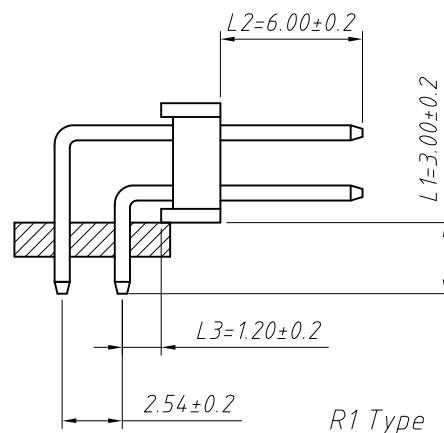
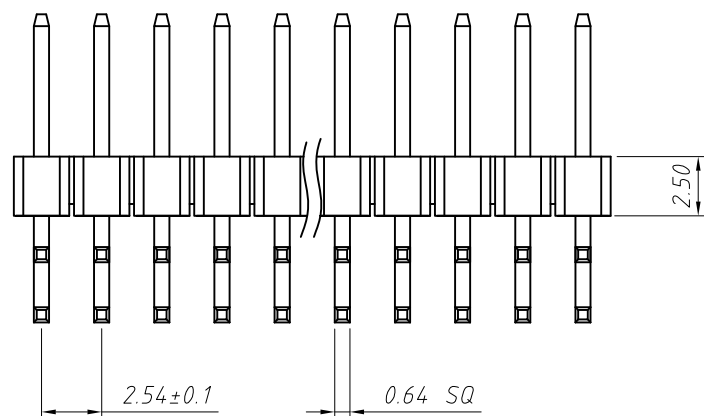


Recommended P.C.B Hole Layout

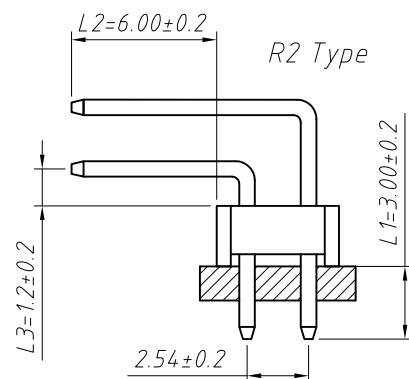
Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94V-0

Electrical Characteristics:
Rated Current: 3AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C ~ +105°C



R1 Type



R2 Type

Dimension antitheses list (mm)				
ITEM	L1	L2	L3	Plastic Height
Standard	3.00	6.00	1.20	2.50
Nonstandard	---	---	---	---

Order Information:

L-KLS1-207-2.50-2-XX-R1-L1xL2xL3-G0

L: RoHS

Pin Header Series

207: 2.54mm

Plastics Height:

1.50, 1.70, 2.00, 2.50 mm

Per Row: Dual Row

Pin: No. of Pins (2x40)

Right Angle Pin: R1 Type, R2 Type

Size: L1xL2xL3

Plating:

G0=Gold Flash

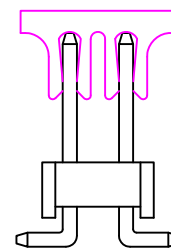
G1=1u" Gold

G10=10u" Gold

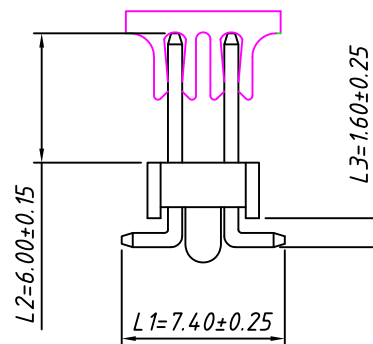
G15=15u" Gold

G30=30u" Gold

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.54mm Pin Header	
GENERAL TOLERANCE		UNITS		Dual Row, Right Angle Pin, 2xN Pin	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-207-2.50-2-XX-R1-L1xL2xL3-G0	
x.xx	±0.20	Draw:	Daniel	NingBo KLS ELECTRONIC CO.,LTD.	
x.xxx	±0.10	Check:	Daniel		



T=Without Post



T3=With Post

Dimension antitheses list (mm)				
ITEM	L1	L2	L3	Plastic Height
Standard	7.40	6.00	1.60	2.50
Nonstandard	---	---	---	---

ANGLE TOLERANCE	PROJECTION		Description:		
±3°			2.54mm Pin Header Dual Row, SMT, 2xN Pin		
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-207-250-2-XX-T-L1xL2xL3-G0-R	
x.x ±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.	
x.xx ±0.20	Draw:	Daniel			2018-07-10
x.xxx ±0.10	Check:	Daniel			2018-07-10

Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94 V-0

Electrical Characteristics:
Rated Current: 3AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C ~ +105°C
Max.Processing Temp:230°C for 30-60 seconds
(260°C for 5 seconds)

Order Information:
L-KLS1-207-2.50-2-XX-T-L 1xL2xL3-G0-R

L: RoHS

Pin Header Series

207: 2.54mm

Plastics Height:

1.50, 1.70, 2.00, 2.50 mm

Per Row: Dual Row

Pin: No. of Pins (2x40)

SMT: T=Without Post, T3=With Post

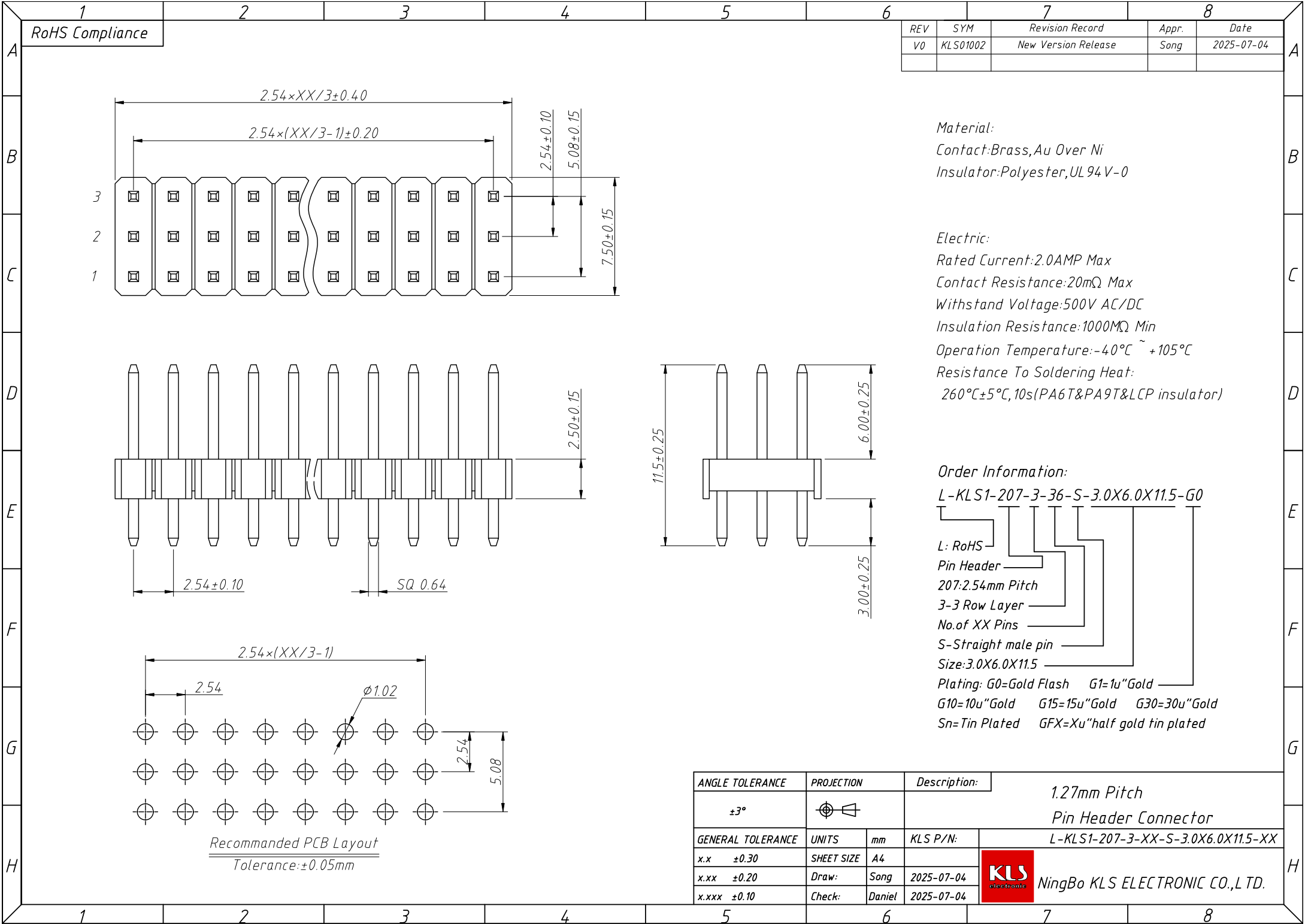
Size: L1xL2xL3

Plating:

G0=Gold Flash G1=1u" Gold G10=10u" Gold
G15=15u" Gold G30=30u" Gold

Packing:

0=PE Bag A=Tray T=Tube
P=Tube+Cap R=Reel+Cap



1
RoHS Compliance

2

3

4

5

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8

REV	SYM	Revision Record	Appr.	Date
V0	KLS01002	New Version Release	Song	2025-07-04

Material:
Contact:Brass,Au Over Ni
Insulator:Polyester,UL 94 V-0

Electric:
Rated Current:2.0AMP Max
Contact Resistance:20mΩ Max
Withstand Voltage:500V AC/DC
Insulation Resistance:1000MΩ Min
Operation Temperature:-40℃ ~ +105℃
Resistance To Soldering Heat:
260℃±5℃,10s(PA6T&PA9T&LCP insulator)

Order Information:
L-KLS1-207-3-36-S-3.0X6.0X11.5-G0

L: RoHS
Pin Header
207:2.54mm Pitch
3-3 Row Layer
No.of XX Pins
S-Straight male pin
Size:3.0X6.0X11.5
Plating: G0=Gold Flash G1=1u"Gold
G10=10u"Gold G15=15u"Gold G30=30u"Gold
Sn=Tin Plated GFX=Xu"half gold tin plated

ANGLE TOLERANCE	PROJECTION		Description:	
±3°			1.27mm Pitch Pin Header Connector	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-207-3-XX-S-3.0X6.0X11.5-XX
x.x ±0.30	SHEET SIZE	A4		 NingBo KLS ELECTRONIC CO.,L TD.
x.xx ±0.20	Draw:	Song	2025-07-04	
x.xxx ±0.10	Check:	Daniel	2025-07-04	