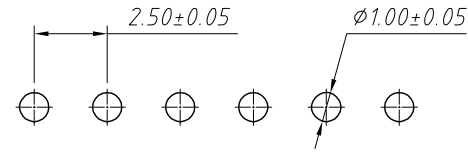
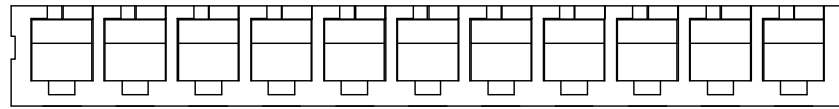
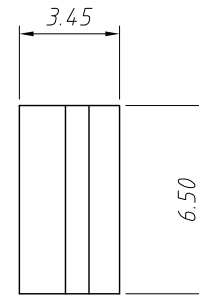
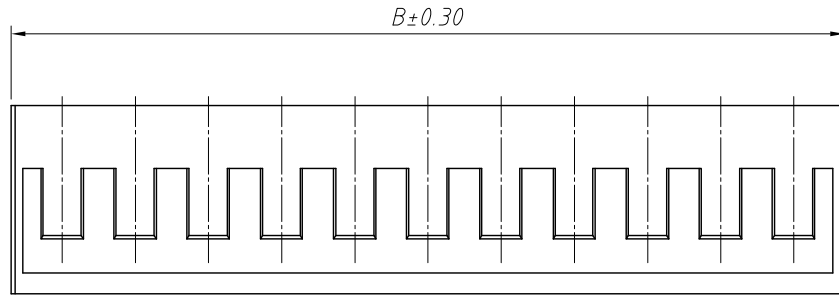


1 RoHS Compliance



Recommended PCB Layout

Pin	Dimensions (mm)	
	A	B
02	2.50	6.00
03	5.00	8.50
04	7.50	11.00
05	10.00	13.50
06	12.50	16.00
07	15.00	18.50
08	17.50	21.00
09	20.00	23.50
10	22.50	26.00
11	25.00	28.50
12	27.50	31.00
13	30.00	33.50
14	32.50	36.00
15	35.00	38.50
16	37.50	41.00

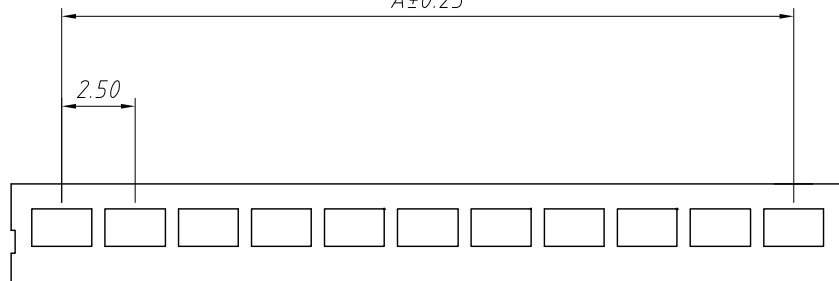


Material:  
Housing: PA66, UL 94 V-0

Electrical Characteristics:  
Rated Current: 3.0AMP  
Voltage rating: 250V AC, DC  
Temperature range: -25°C ~ +85°C  
Insulator Resistance: 1000MΩ Min  
Withstanding Voltage: 800V AC/minute  
Contact Resistance: 10mΩ Max

Order Information:  
L-KLS1-XL6-2.50-XX-H1  
L: RoHS  
Pitch: 2.50mm  
XX-No. of 02 ~ 16 pins  
Type:  
H1 / H2-Hosing  
T1 / T2-Terminal

A±0.25

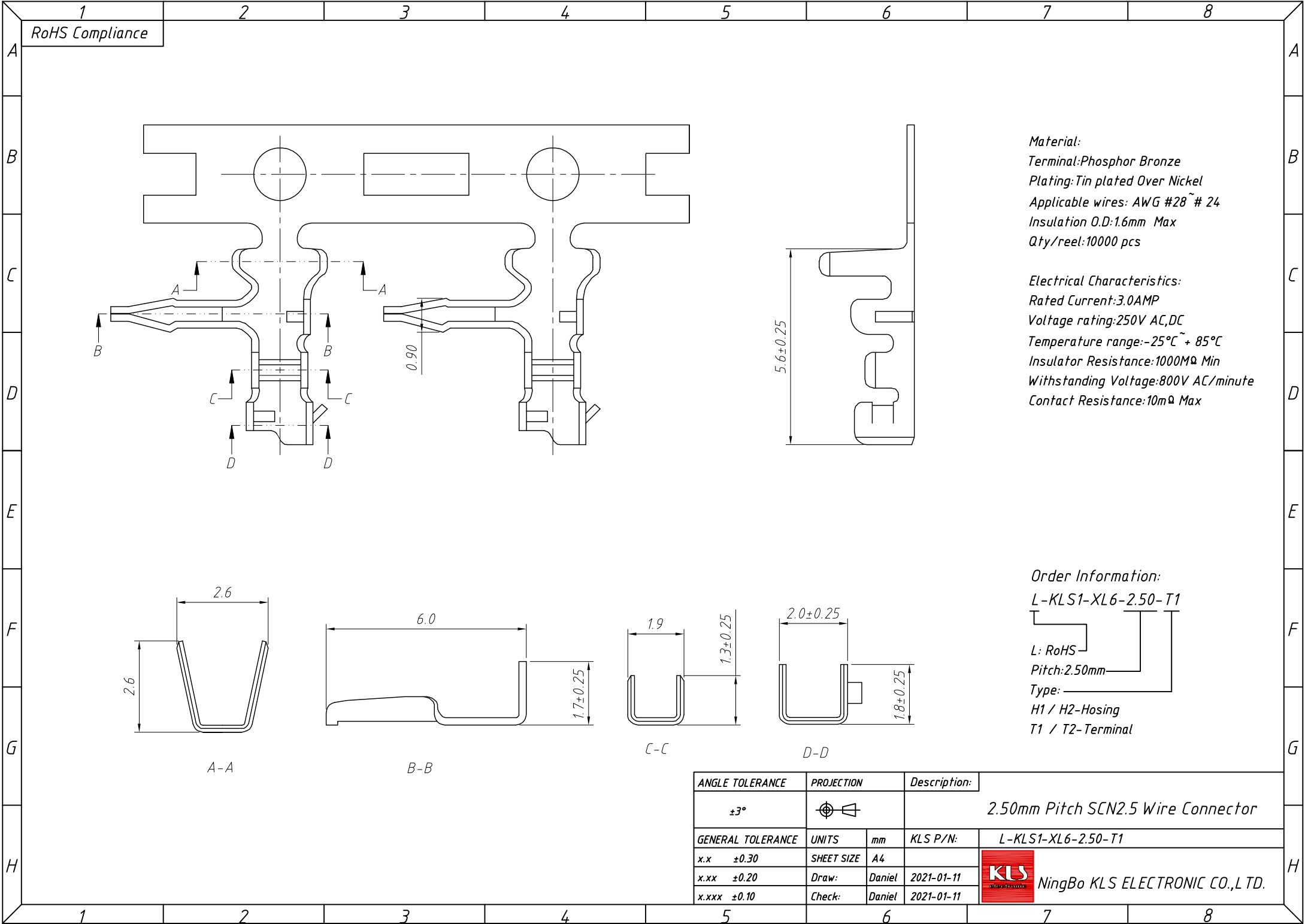


ANGLE TOLERANCE	PROJECTION	Description:
±3°		2.50mm Pitch SCN2.5 Wire Connector
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	Daniel 2021-01-11
x.xxx ±0.10	Check:	Daniel 2021-01-11



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RoHS Compliance



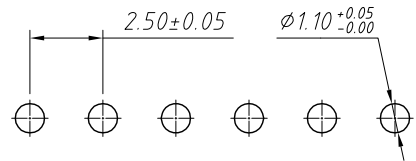
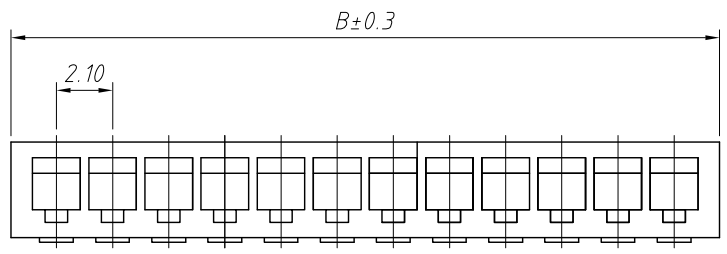
**Material:**  
 Terminal: Phosphor Bronze  
 Plating: Tin plated Over Nickel  
 Applicable wires: AWG #28 ~ #24  
 Insulation O.D: 1.6mm Max  
 Qty/reel: 10000 pcs

**Electrical Characteristics:**  
 Rated Current: 3.0AMP  
 Voltage rating: 250V AC, DC  
 Temperature range: -25°C ~ +85°C  
 Insulator Resistance: 1000MΩ Min  
 Withstanding Voltage: 800V AC/minute  
 Contact Resistance: 10mΩ Max

**Order Information:**  
 L-KLS1-XL6-2.50-T1  
 L: RoHS  
 Pitch: 2.50mm  
 Type: \_\_\_\_\_  
 H1 / H2- Hosing  
 T1 / T2- Terminal

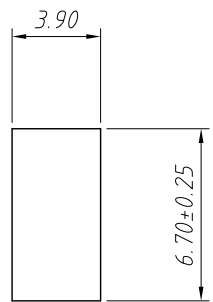
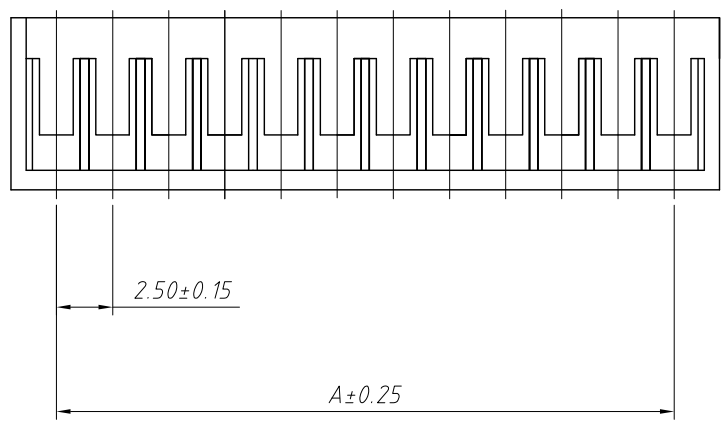
ANGLE TOLERANCE	PROJECTION	Description:
±3°		2.50mm Pitch SCN2.5 Wire Connector
GENERAL TOLERANCE	UNITS	KLS P/N:
x.x ±0.30	mm	L-KLS1-XL6-2.50-T1
x.xx ±0.20	SHEET SIZE	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx ±0.10	A4	
	Draw:	Daniel 2021-01-11
	Check:	Daniel 2021-01-11

1  
RoHS Compliance



Recommended PCB Layout

Pin	Dimensions(mm)	
	A	B
02	2.50	6.50
03	5.00	9.00
04	7.50	11.50
05	10.00	14.00
06	12.50	16.50
07	15.00	19.00
08	17.50	21.50
09	20.00	24.00
10	22.50	26.50
11	25.00	29.00
12	27.50	31.50
13	30.00	34.00
14	32.50	36.50
15	35.00	39.00
16	37.50	41.50

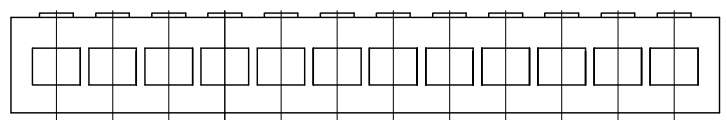


**Material:**  
Housing: PA66, UL94V-0

**Electrical Characteristics:**  
Rated Current: 3.0AMP  
Voltage rating: 250V AC, DC  
Temperature range:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$   
Insulator Resistance: 1000M $\Omega$  Min  
Withstanding Voltage: 800V AC/minute  
Contact Resistance: 10m $\Omega$  Max

**Order Information:**  
L-KLS1-XL6-2.50-XX-H2

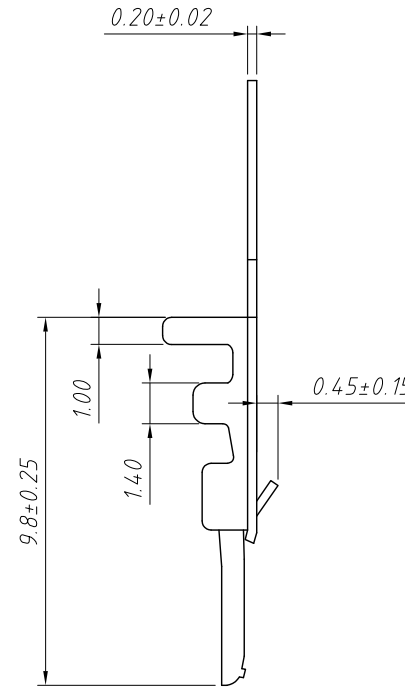
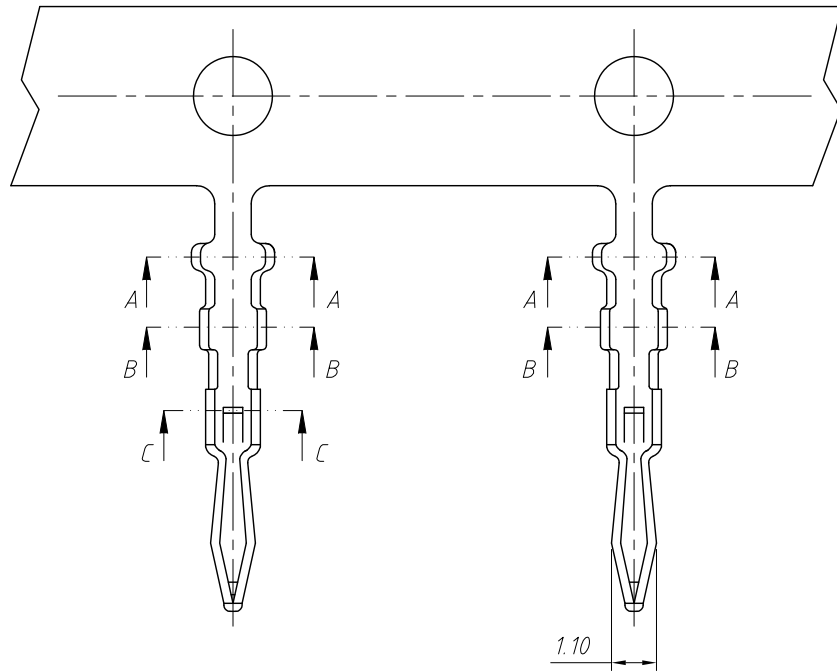
L: RoHS  
Pitch: 2.50mm  
XX-No. of 02 ~ 16 pins  
Type: \_\_\_\_\_  
H1 / H2-Hosing  
T1 / T2-Terminal



ANGLE TOLERANCE	PROJECTION	Description:		
$\pm 3^{\circ}$		2.50mm Pitch SCN2.5 Wire Connector		
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-XL6-2.50-XX-H2
x.x $\pm 0.30$	SHEET SIZE	A4		
x.xx $\pm 0.20$	Draw:	Daniel	2021-01-11	
x.xxx $\pm 0.10$	Check:	Daniel	2021-01-11	

NingBo KLS ELECTRONIC CO.,L TD.

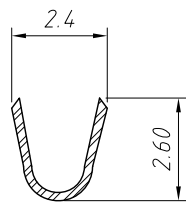
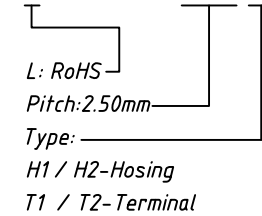
1  
RoHS Compliance



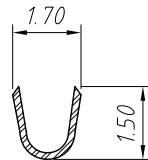
**Material:**  
Terminal: Brass  
Plating: Tin plated Over Nickel  
Applicable wires: AWG #28 ~ #22  
Insulation O.D: 1.9mm Max  
Qty/reel: 10000 pcs

**Electrical Characteristics:**  
Rated Current: 3.0AMP  
Voltage rating: 250V AC, DC  
Temperature range: -25°C ~ +85°C  
Insulator Resistance: 1000MΩ Min  
Withstanding Voltage: 800V AC/minute  
Contact Resistance: 10mΩ Max

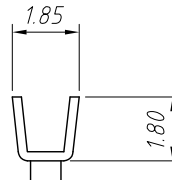
**Order Information:**  
L-KLS1-XL6-2.50-T2



A-A



B-B



C-C

ANGLE TOLERANCE	PROJECTION	Description:
±3°		2.50mm Pitch SCN2.5 Wire Connector
GENERAL TOLERANCE	UNITS	KLS P/N:
x.x ±0.30	SHEET SIZE	L-KLS1-XL6-2.50-T2
x.xx ±0.20	Draw:	Daniel 2021-01-11
x.xxx ±0.10	Check:	Daniel 2021-01-11



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