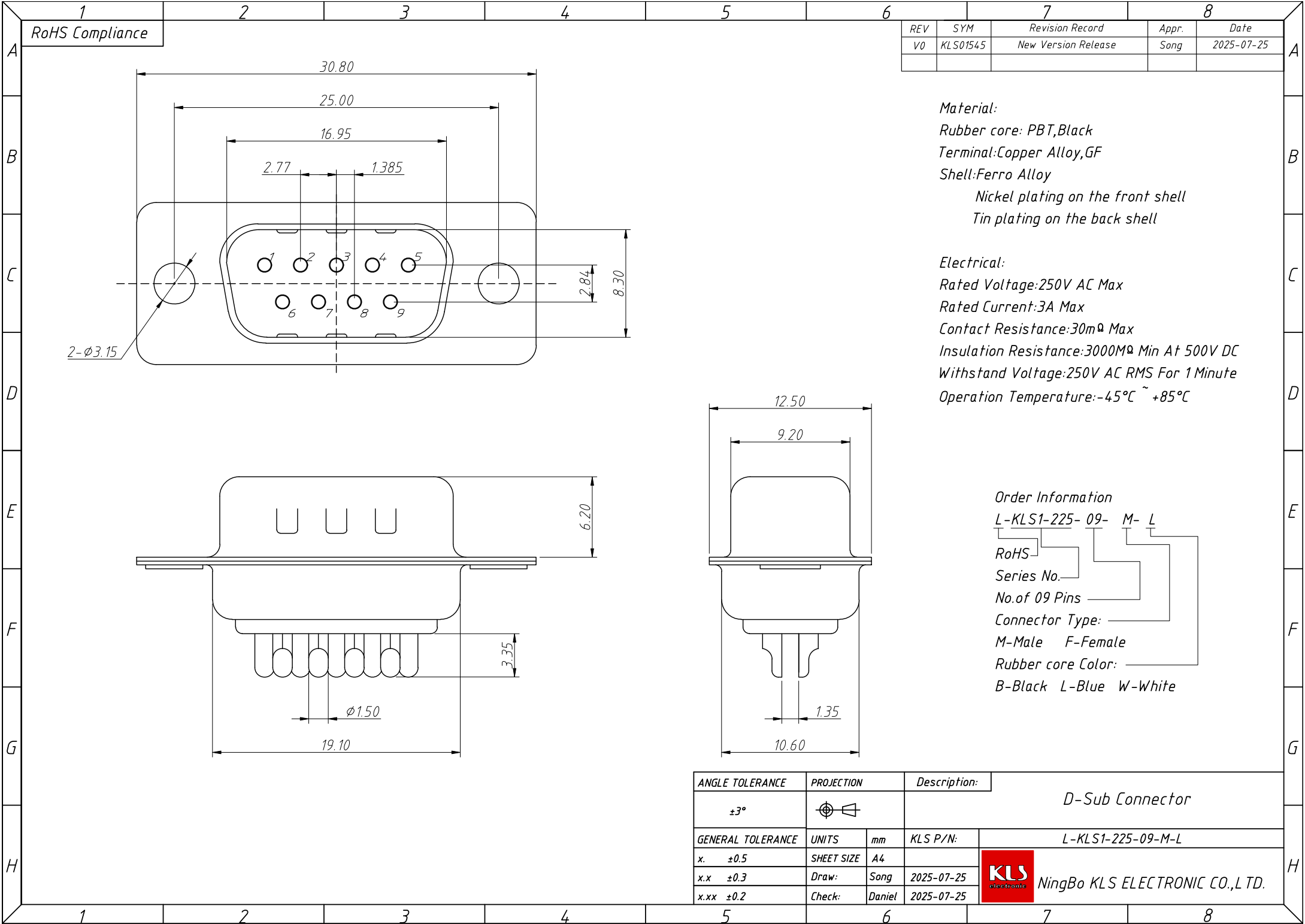




RoHS Compliance

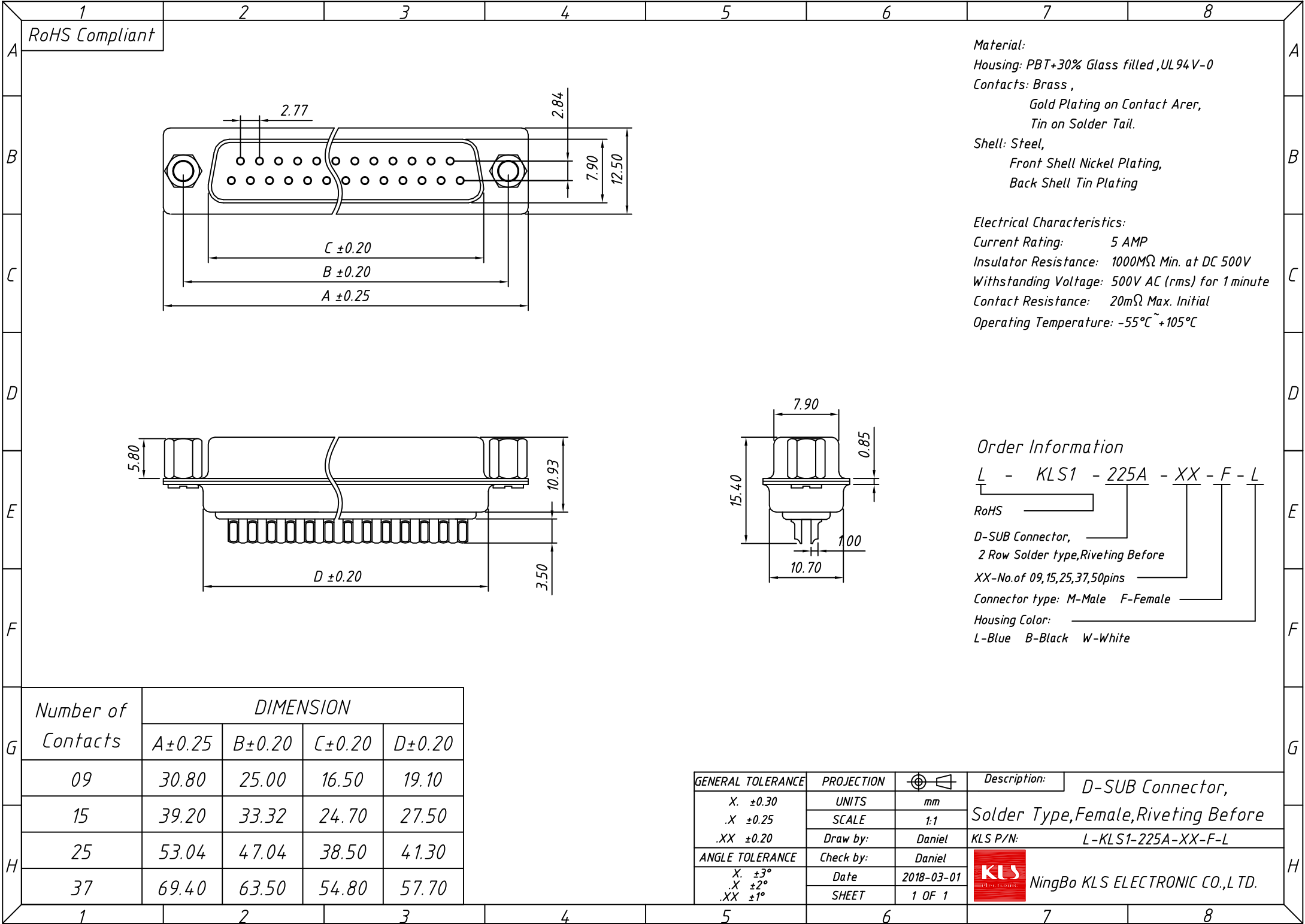
REV	SYM	Revision Record	Appr.	Date
V0	KLS01545	New Version Release	Song	2025-07-25

Material:
Rubber core: PBT,Black
Terminal:Copper Alloy,GF
Shell:Ferro Alloy
Nickel plating on the front shell
Tin plating on the back shell

Electrical:
Rated Voltage:250V AC Max
Rated Current:3A Max
Contact Resistance:30mΩ Max
Insulation Resistance:3000MΩ Min At 500V DC
Withstand Voltage:250V AC RMS For 1 Minute
Operation Temperature:-45°C ~ +85°C

Order Information
L-KLS1-225- 09- M- L
RoHS
Series No.
No.of 09 Pins
Connector Type:
M-Male F-Female
Rubber core Color:
B-Black L-Blue W-White

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				D-Sub Connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.	±0.5	SHEET SIZE	A4	L-KLS1-225-09-M-L	
x.x	±0.3	Draw:	Song	2025-07-25	NingBo KLS ELECTRONIC CO.,L TD.
x.xx	±0.2	Check:	Daniel	2025-07-25	



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RoHS Compliant

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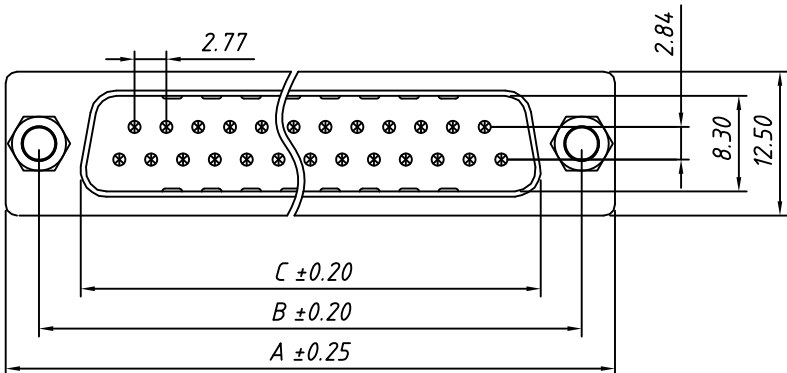
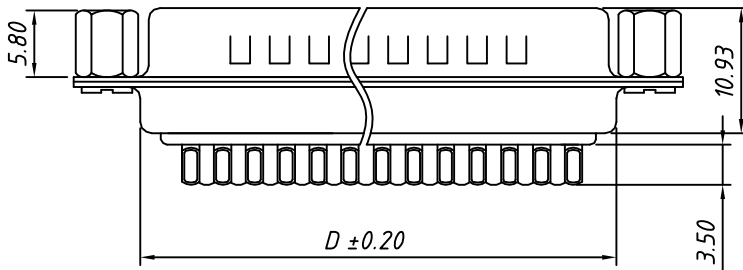
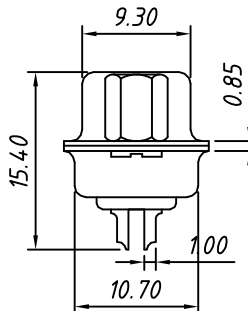
Material:
Housing: PBT+30% Glass filled ,UL 94V-0
Contacts: Brass ,
Gold Plating on Contact Arer,
Tin on Solder Tail.
Shell: Steel,
Front Shell Nickel Plating,
Back Shell Tin Plating

Electrical Characteristics:
Current Rating: 5 AMP
Insulator Resistance: 1000MΩ Min. at DC 500V
Withstanding Voltage: 500V AC (rms) for 1 minute
Contact Resistance: 20mΩ Max. Initial
Operating Temperature: -55°C ~ +105°C

Order Information
L - KLS1 - 225A - XX - F - L
RoHS
D-SUB Connector,
2 Row Solder type,Riveting Before
XX-No.of 09,15,25,37,50pins
Connector type: M-Male F-Female
Housing Color:
L-Blue B-Black W-White

Number of Contacts	DIMENSION			
	A±0.25	B±0.20	C±0.20	D±0.20
09	30.80	25.00	16.50	19.10
15	39.20	33.32	24.70	27.50
25	53.04	47.04	38.50	41.30
37	69.40	63.50	54.80	57.70

GENERAL TOLERANCE	PROJECTION		Description:
X. ±0.30	UNITS	mm	D-SUB Connector, Solder Type,Female,Riveting Before KLS P/N: L-KLS1-225A-XX-F-L
.X ±0.25	SCALE	1:1	
.XX ±0.20	Draw by:	Daniel	
ANGLE TOLERANCE	Check by:	Daniel	 NingBo KLS ELECTRONIC CO.,L TD.
X. ±3°	Date	2018-03-01	
.X ±2°	SHEET	1 OF 1	
.XX ±1°			

	1	2	3	4	5	6	7	8																													
A	RoHS Compliant								Material: Housing: PBT+30% Glass filled ,UL 94 V-0 Contacts: Brass , Gold Plating on Contact Arer, Tin on Solder Tail. Shell: Steel, Front Shell Nickel Plating, Back Shell Tin Plating Electrical Characteristics: Current Rating: 5 AMP Insulator Resistance: 1000MΩ Min. at DC 500V Withstanding Voltage: 500V AC (rms) for 1 minute Contact Resistance: 20mΩ Max. Initial Operating Temperature: -55°C ~ +105°C																												
B																																					
C																																					
D																																					
E																																					
F							Order Information L - KLS1 - 225A - XX - M - L RoHS _____ D-SUB Connector, _____ 2 Row Solder type,Riveting Before _____ XX-No.of 09,15,25,37,50pins _____ Connector type: M-Male F-Female _____ Housing Color: _____ L-Blue B-Black W-White																														
G	<table><tr><th rowspan="2">Number of Contacts</th><th colspan="4">DIMENSION</th></tr><tr><th>A±0.25</th><th>B±0.20</th><th>C±0.20</th><th>D±0.20</th></tr><tr><td>09</td><td>30.80</td><td>25.00</td><td>17.79</td><td>19.10</td></tr><tr><td>15</td><td>39.20</td><td>33.32</td><td>25.30</td><td>27.50</td></tr><tr><td>25</td><td>53.04</td><td>47.04</td><td>38.96</td><td>41.30</td></tr><tr><td>37</td><td>69.40</td><td>63.50</td><td>55.40</td><td>57.70</td></tr></table>								Number of Contacts	DIMENSION				A±0.25	B±0.20	C±0.20	D±0.20	09	30.80	25.00	17.79	19.10	15	39.20	33.32	25.30	27.50	25	53.04	47.04	38.96	41.30	37	69.40	63.50	55.40	57.70
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	1	2	3	4	5	6	7	8																													

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A

B

C

D

E

F

G

H

RoHS Compliant

2.77

2.84

7.90

12.50

$C \pm 0.20$

$B \pm 0.20$

$A \pm 0.25$

4.00

10.93

3.50

$D \pm 0.20$

7.90

15.40

10.70

0.85

Material:

Housing: PBT+30% Glass filled ,UL 94V-0

Contacts: Brass ,

Gold Plating on Contact Arer,

Tin on Solder Tail.

Shell: Steel,

Front Shell Nickel Plating,

Back Shell Tin Plating

Electrical Characteristics:

Current Rating: 5 AMP

Insulator Resistance: 1000M Ω Min. at DC 500V

Withstanding Voltage: 500V AC (rms) for 1 minute

Contact Resistance: 20m Ω Max. Initial

Operating Temperature: -55 $^{\circ}$ C ~ +105 $^{\circ}$ C

Order Information

L - KLS1 - 225D - XX - F - L

RoHS

D-SUB Connector,

2 Row Solder type,Riveting After

XX-No.of 09,15,25,37,50pins

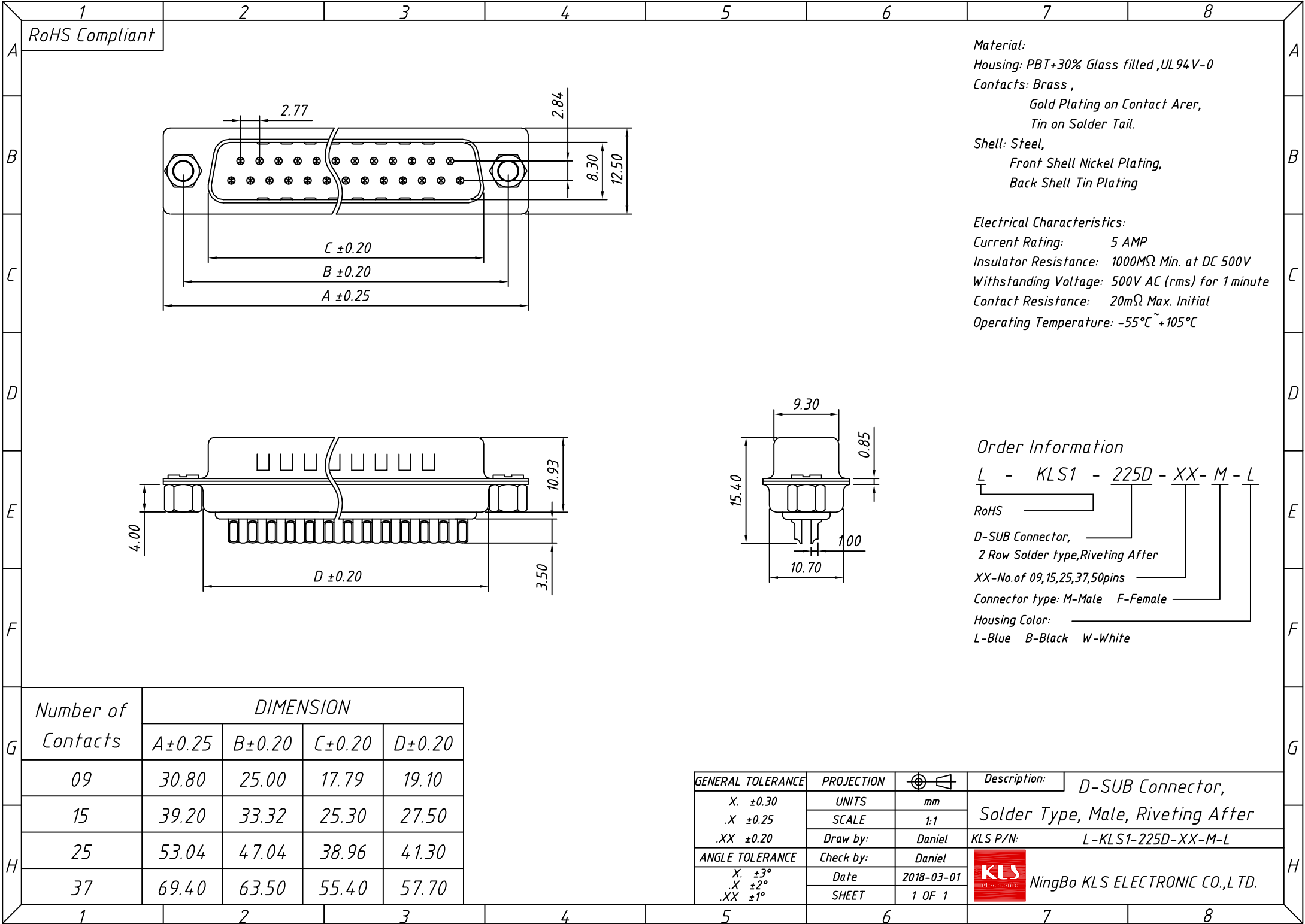
Connector type: M-Male F-Female

Housing Color:

L-Blue B-Black W-White

Number of Contacts	DIMENSION			
	A ± 0.25	B ± 0.20	C ± 0.20	D ± 0.20
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X. ± 0.30	UNITS	mm	D-SUB Connector, Solder Type, Female, Riveting After
.X ± 0.25	SCALE	1:1	
.XX ± 0.20	Draw by:	Daniel	
ANGLE TOLERANCE	Check by:	Daniel	KLS P/N: L-KLS1-225D-XX-F-L
X. $\pm 3^{\circ}$	Date	2018-03-01	 NingBo KLS ELECTRONIC CO.,L TD.
.X $\pm 2^{\circ}$	SHEET	1 OF 1	
.XX $\pm 1^{\circ}$			



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RoHS Compliant

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Material:
Housing: PBT+30% Glass filled ,UL 94V-0
Contacts: Brass ,
Gold Plating on Contact Arer,
Tin on Solder Tail.
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Front Shell Nickel Plating,
Back Shell Tin Plating

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Order Information
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RoHS
D-SUB Connector,
2 Row Solder type,Riveting After
XX-No.of 09,15,25,37,50pins
Connector type: M-Male F-Female
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Number of Contacts	DIMENSION			
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ANGLE TOLERANCE	Check by:	Daniel	
X. ±3°	Date	2018-03-01	NingBo KLS ELECTRONIC CO.,L TD.
.X ±2°	SHEET	1 OF 1	
.XX ±1°			