

TERMINAL BLOCK Connector

KLS electronic
www.cnkls.com

Pluggable Series

KLS2-EDK-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

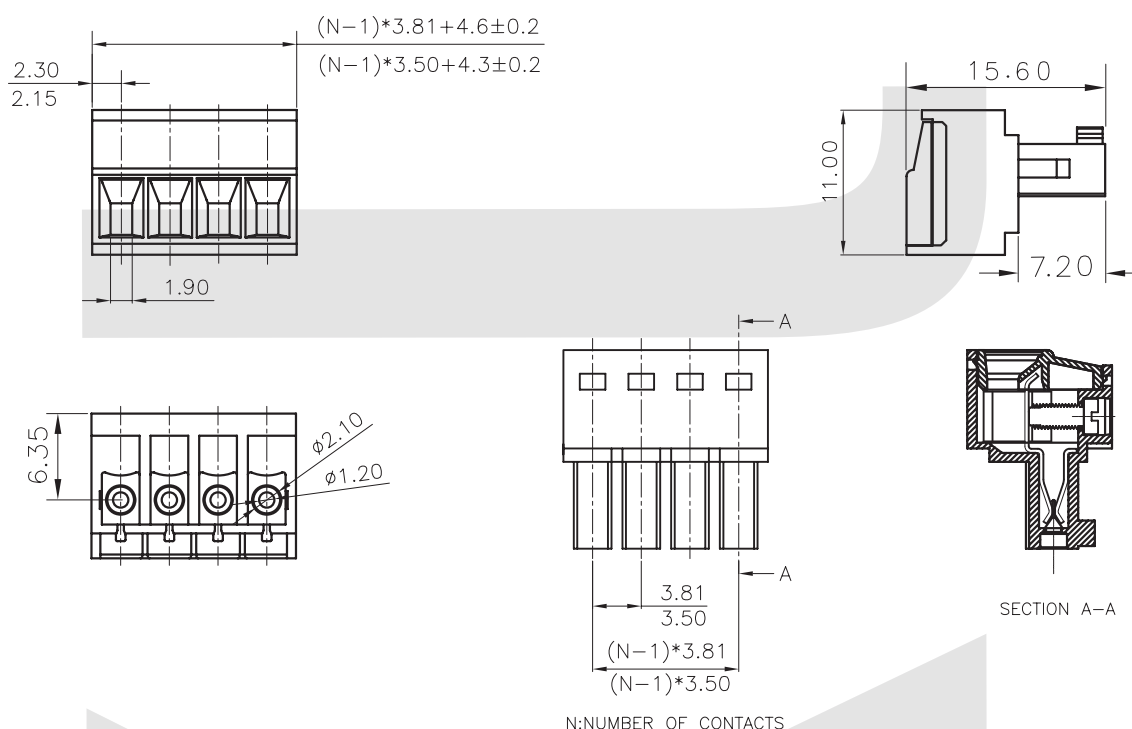
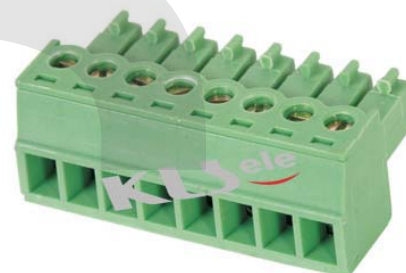
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min
Wire range: 18AWG 1mm²

Material

Contact: Phosphor bronze
Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec.
Strip length: 5-6mm



ORDER INFORMATION

Product NO.: KLS2-EDK-3.50-XXP X X X

Pos. NO.	Series No.	Pitch 3.50=3.50mm 3.81=3.81mm	Number of Pole	Customer Request
				Screw: C=Cross Screw S=Slot Screw
				Color: 1=Gray 2=Blue 3=Black 4=Green 5=Orange 6=Red 7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDCKM-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

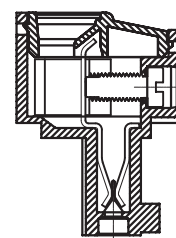
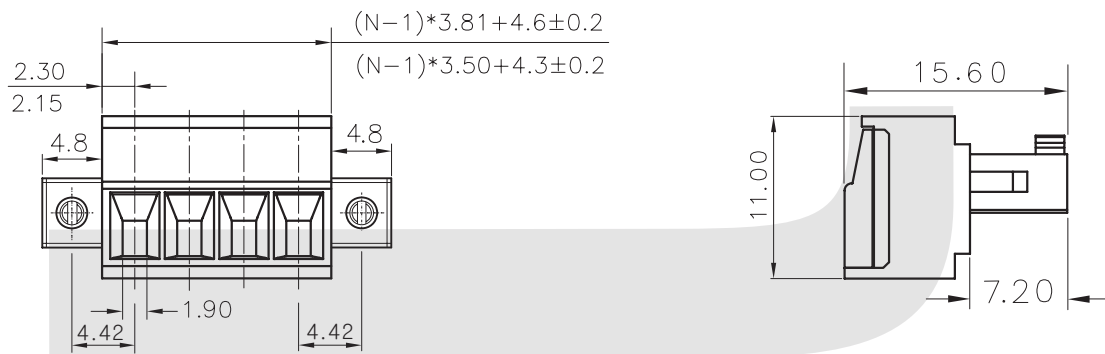
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min
Wire range: 28-16AWG 1.5mm²

Material

Contact: Phosphor bronze
Screws: M2, steel, Zinc plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
Torque: 0.2Nm(1.7Lb.in)
Strip length: 6-7mm



SECTION A-A

ORDER INFORMATION

Product NO.: KLS2-EDCKM-3.50-XXP X X X

Pos. NO.	_____	Customer Request
Series No.	_____	Screw: C=Cross Screw S=Slot Screw
Pitch 3.50=3.50mm 3.81=3.81mm	_____	Color: 1=Gray 2=Blue 3=Black 4=Green 5=Orange 6=Red 7=Transparent 8=Yellow 9=White
Number of Pole	_____	

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLS electronic
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Pluggable Series

KLS2-EDCD-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

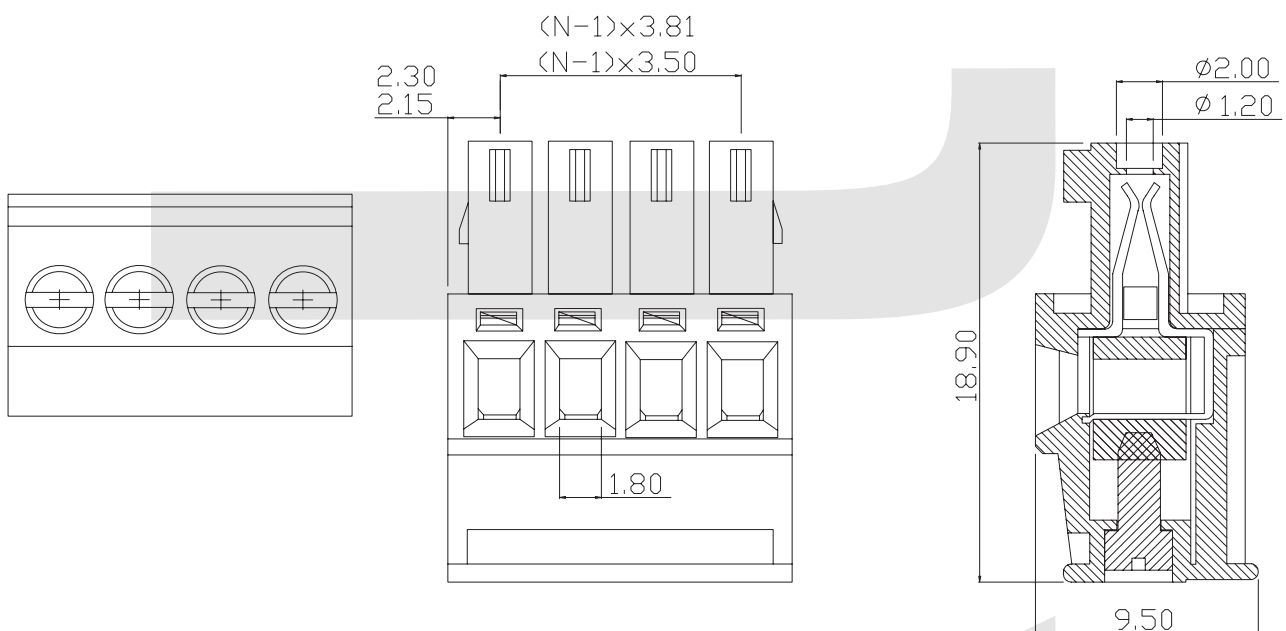
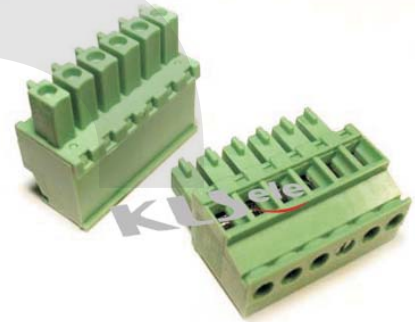
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Housing: PBT, UL94V-0
Screws: M2, steel, Zinc plated
Contact: Phosphor Bronze

Mechanical

Temp. Range: -30°C~+120°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-16AWG 1.5mm²
Torque: 0.2Nm(1.7Lb.in)
Strip length: 6-7mm



ORDER INFORMATION

Product NO.: KLS2-EDCD-3.50-XXP X X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

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Pluggable Series

KLS2-EDCDM-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

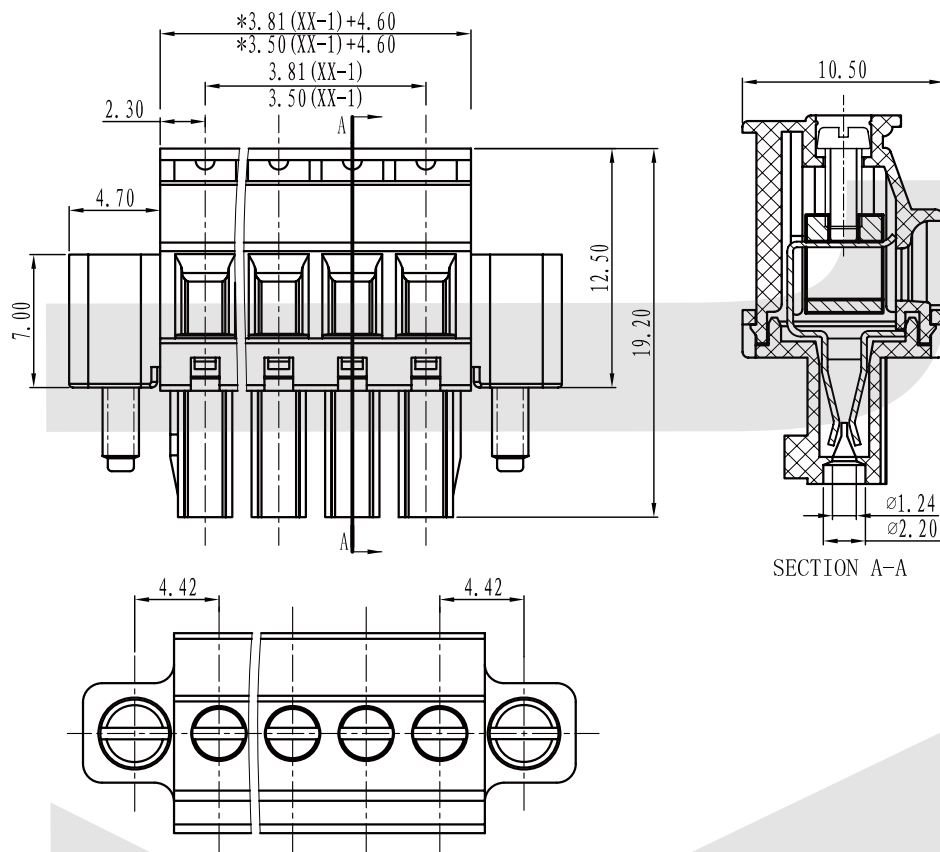
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



SECTION A-A

ORDER INFORMATION

Product NO.: KLS2-EDCDM-3.50-XXP X X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

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TERMINAL BLOCK Connector

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Pluggable Series

KLS2-EDGKD-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

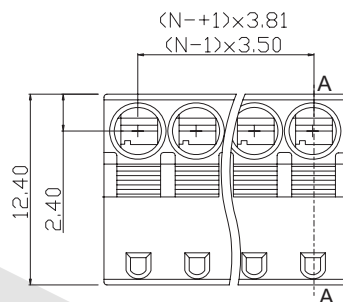
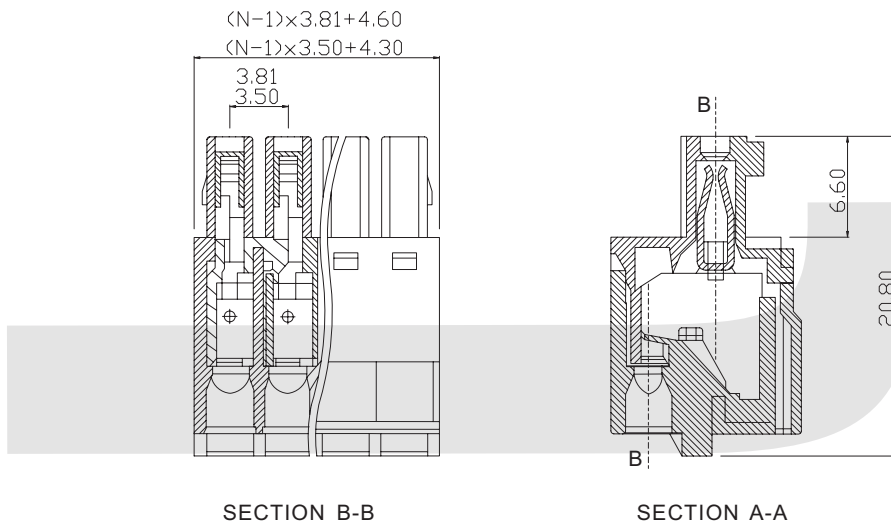
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Housing: PA66, UL94V-0
Contact: Phosphor Bronze, Ni plated, Stainless steel

Mechanical

Temp. Range: -40°C~+105°C
Wire range: 28-16AWG 1.5mm²
Strip length: 7-8mm



ORDER INFORMATION

Product NO.: KLS2-EDGKD-3.50-XXP X X

Pos. NO. _____
Series No. _____
Pitch: 3.50=3.50mm 3.81=3.81mm _____
Number of Pole _____
Customer Request _____
Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

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TERMINAL BLOCK Connector

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Pluggable Series

KLS2-EDGKM-3.50/3.81 Series Pitch=3.50/3.81mm

Electrical :

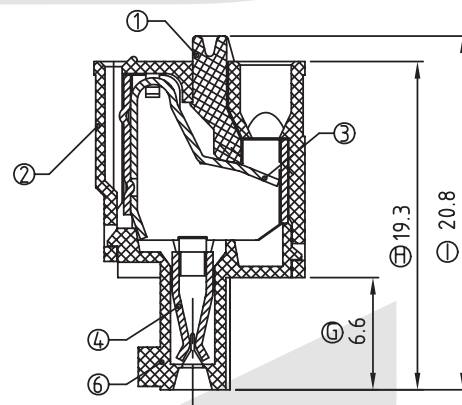
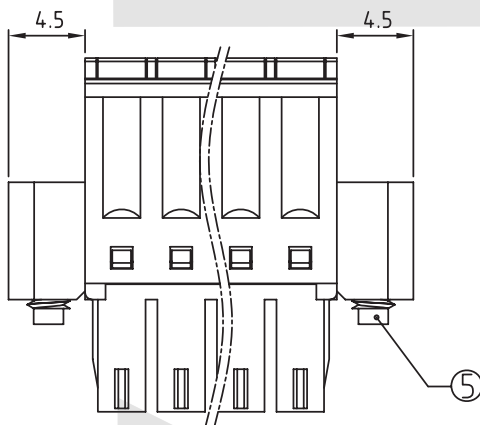
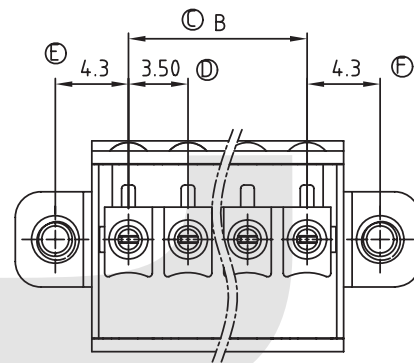
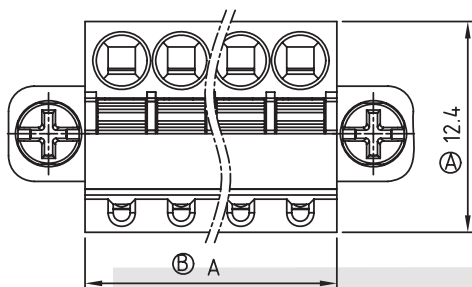
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDGKM-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

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TERMINAL BLOCK Connector

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Pluggable Series

KLS2-EDGF-3.81 Series Pitch=3.81mm

Electrical :

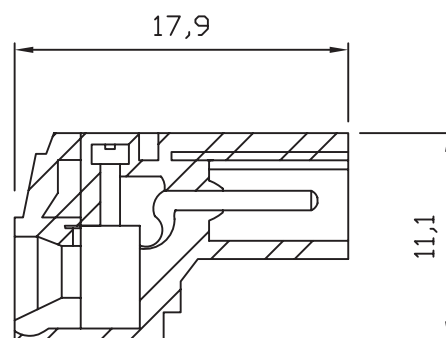
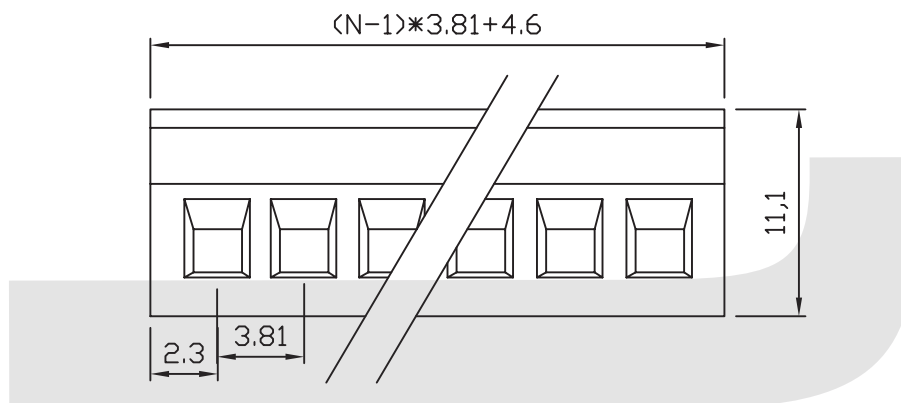
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDGF-3.81-XXP X X X

Pos. NO.

Series No.

Pitch: 3.81=3.81mm

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

II

TERMINAL BLOCK Connector

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Pluggable Series

KLS2-EDKF-3.81 Series Pitch=3.81mm

Electrical :

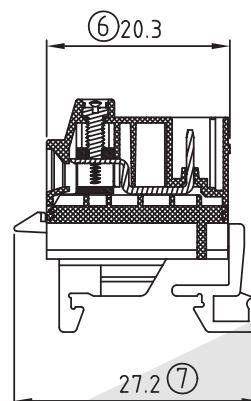
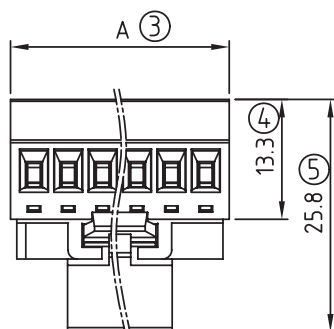
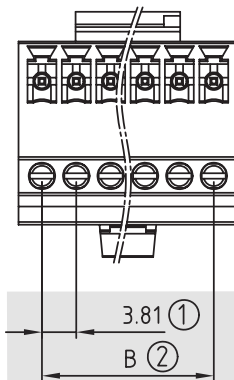
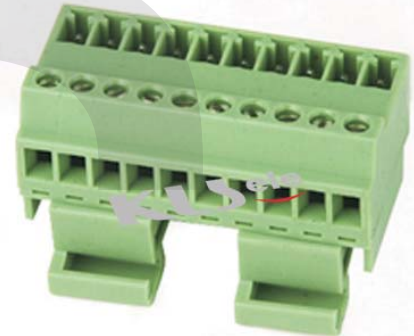
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDKF-3.81-XXP X X X

Pos. NO.

Series No.

Pitch: 3.81=3.81mm

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

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TERMINAL BLOCK Connector

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Pluggable Series

KLS2-EDKFM-3.81 Series Pitch=3.81mm

Electrical :

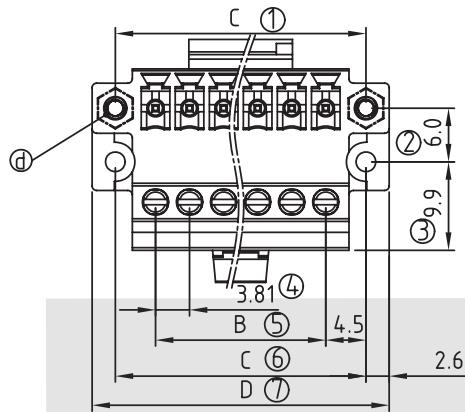
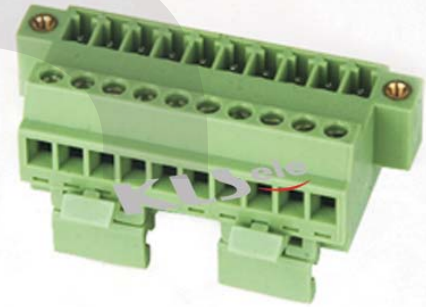
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



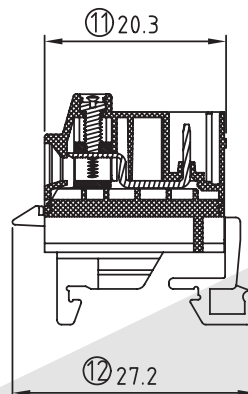
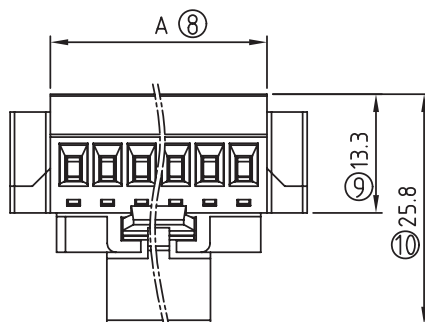
N = Number of poles

Dim A=Nx3.81+1.39

Dim B=(N-1)x3.81

Dim C=Nx3.81+5.19

Dim D=Nx3.81+10.39



ORDER INFORMATION

Product NO.: KLS2-EDKFM-3.81-XXP X X X

Pos. NO.

Series No.

Pitch: 3.81=3.81mm

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLS electronic
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Pluggable Series

KLS2-EDV-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

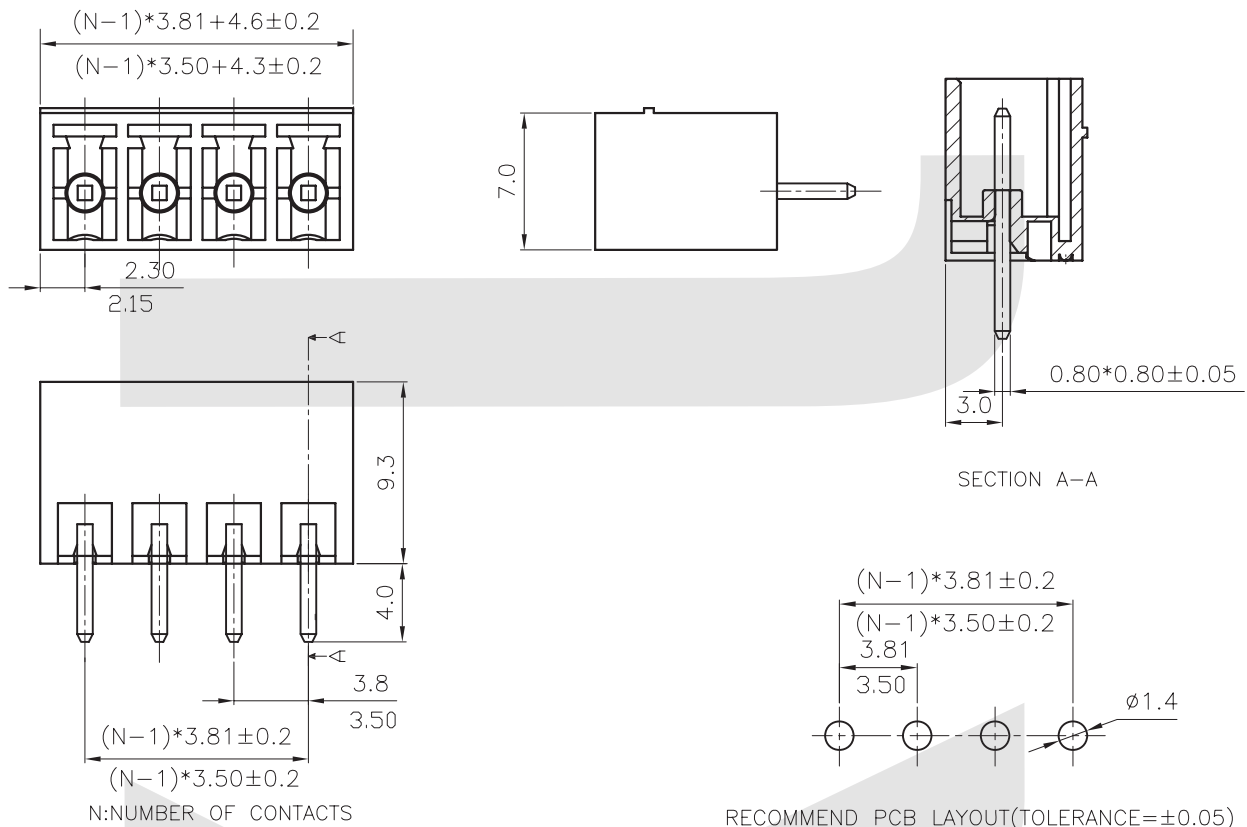
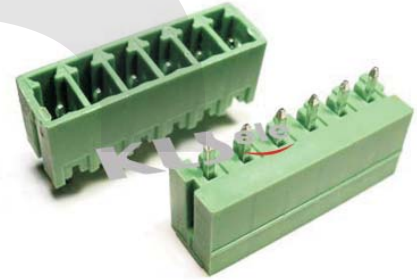
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDV-3.50-XXP X X

Pos. NO. _____

Series No. _____

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole _____

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
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Pluggable Series

KLS2-EDR-3.81/EDR-3.50 Series Pitch=3.50mm/3.81mm

Electrical :

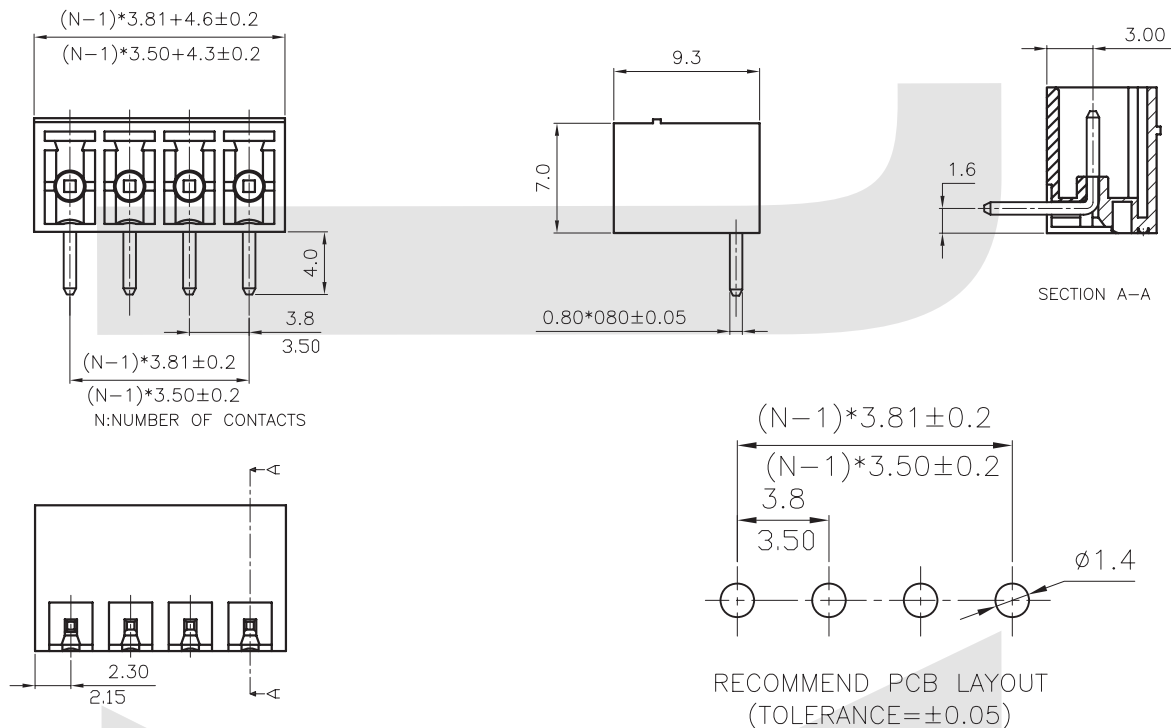
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min
Wire range: 18AWG 1mm²

Material

Contact: Phosphor bronze
Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec.
Strip length: 5-6mm



ORDER INFORMATION

Product NO.: KLS2-EDR-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm
3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

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TERMINAL BLOCK Connector

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Pluggable Series

KLS2-EDLV-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

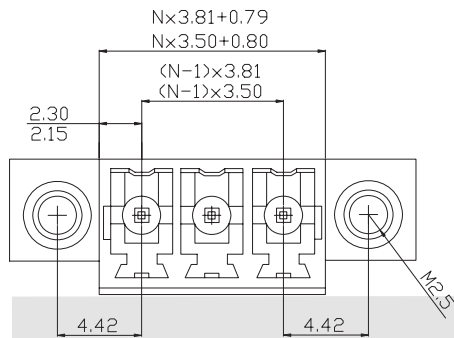
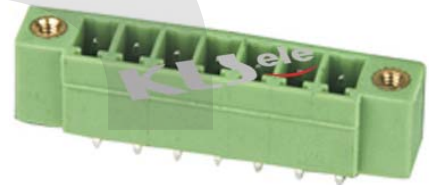
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

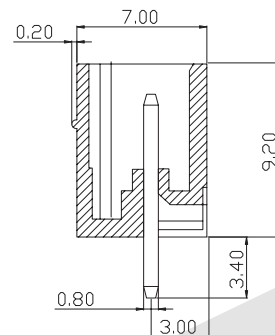
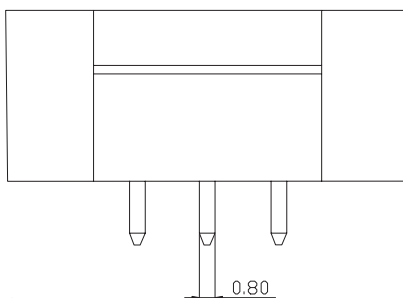
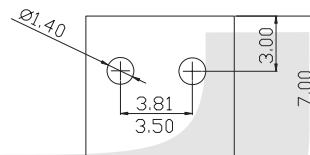
Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



PCB LAYOUT



ORDER INFORMATION

Product NO.: KLS2-EDLV-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm

3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
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Pluggable Series

KLS2-EDLR-3.81/3.50 Series Pitch=3.50mm/3.81mm

Electrical :

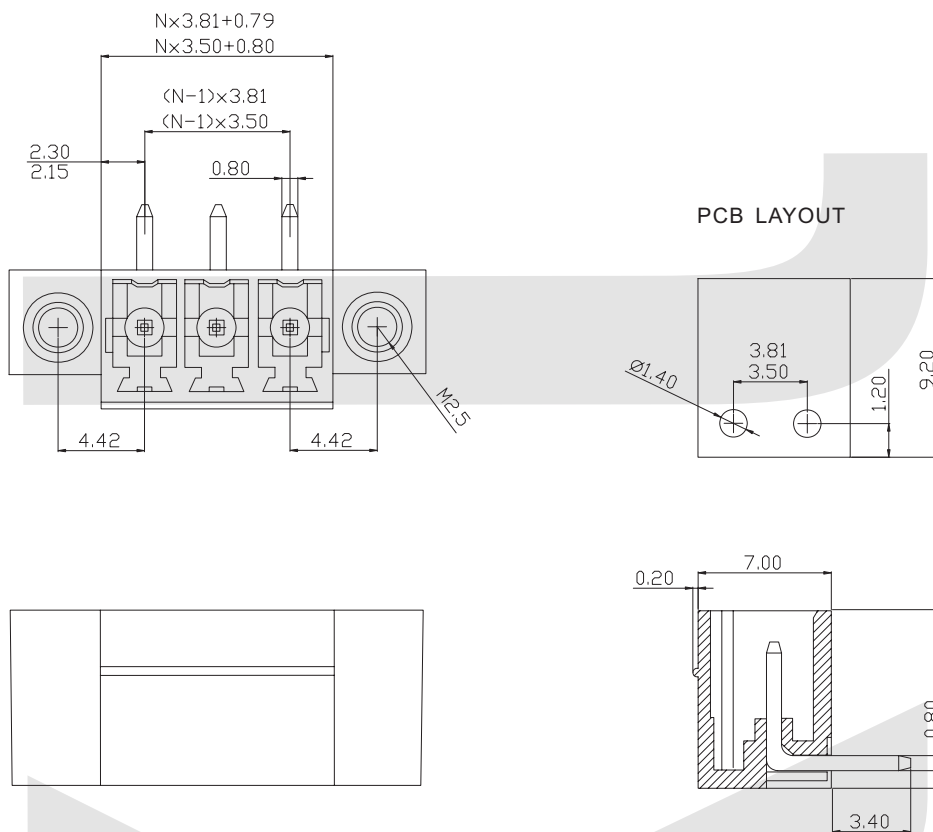
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDLR-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
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Pluggable Series

KLS2-EDY-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

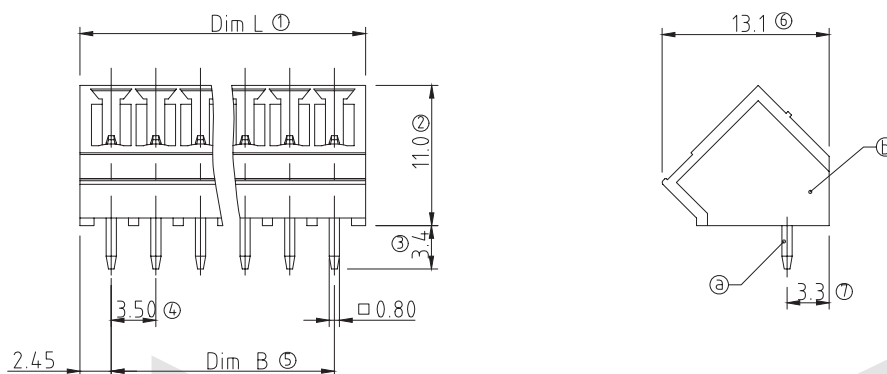
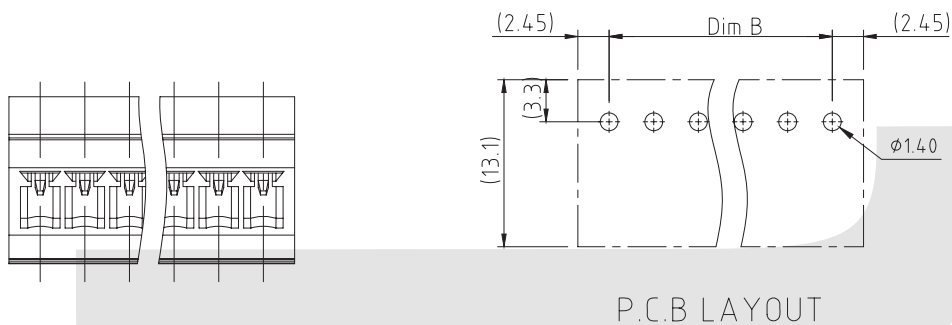
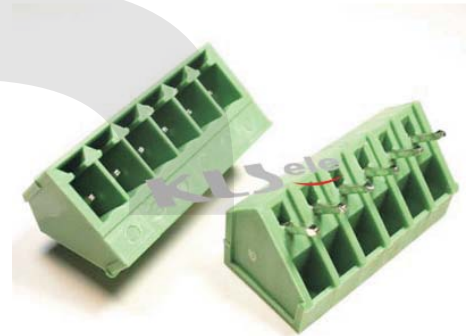
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2- EDY -3.50-XXP X X

Pos. NO. _____

Series No. _____

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole _____

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
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Pluggable Series

KLS2-EDLY-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

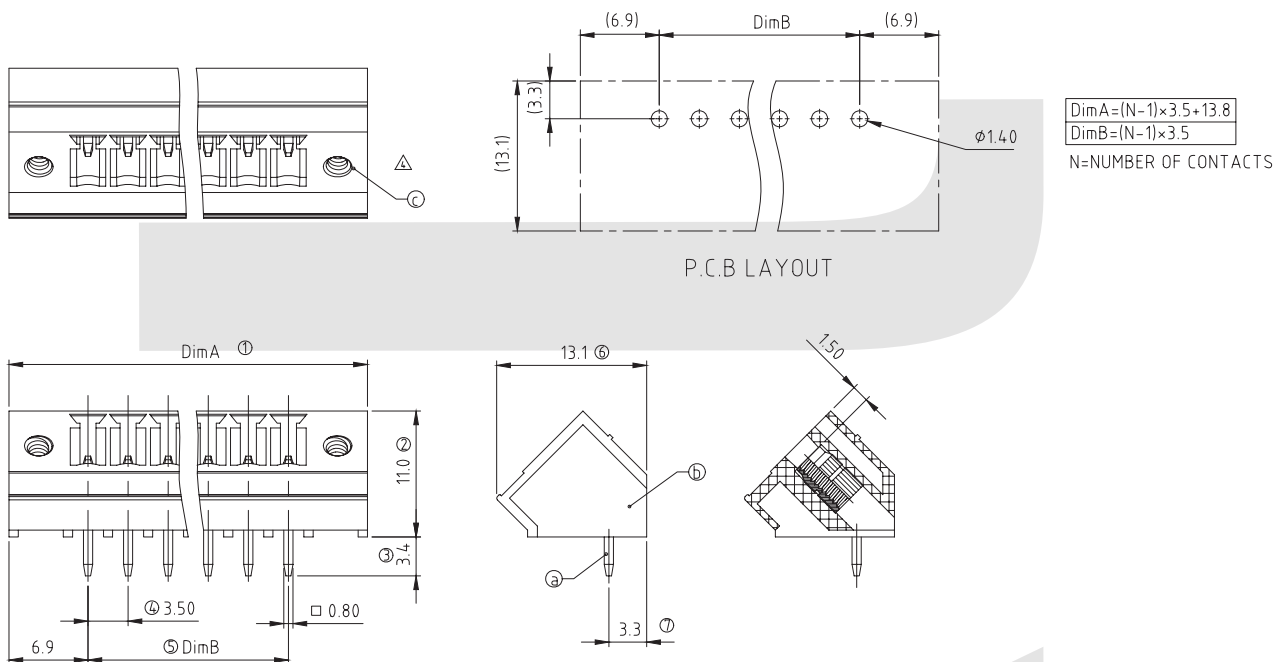
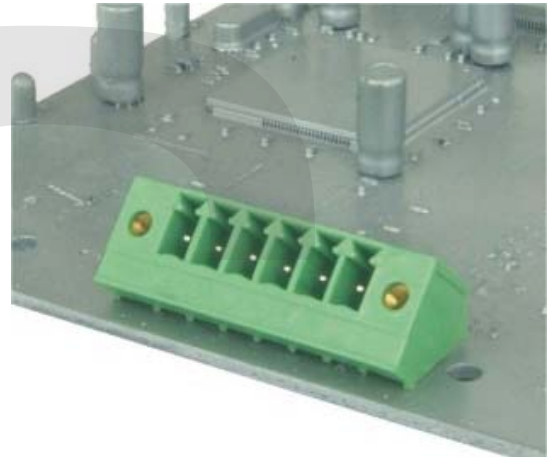
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDLY-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

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TERMINAL BLOCK Connector

KLS electronic
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Pluggable Series

KLS2-EDAV-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

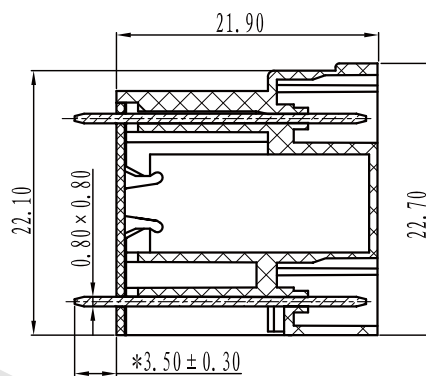
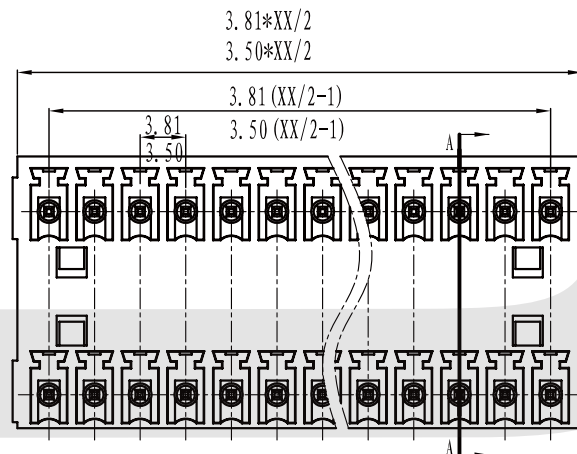
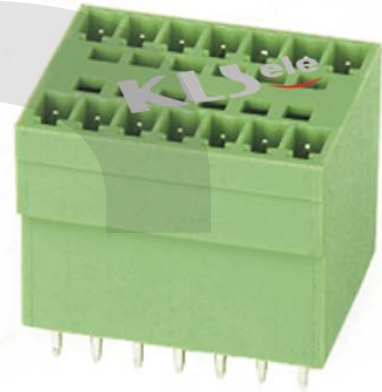
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

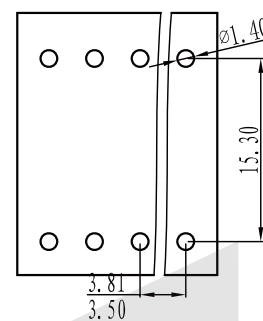
Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



SECTION A-A



ORDER INFORMATION

Product NO.: KLS2-EDAV-3.50-XXP X X

Pos. NO. _____

Series No. _____

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole _____

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLS electronic
www.cnkls.com

Pluggable Series

KLS2-EDALV-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

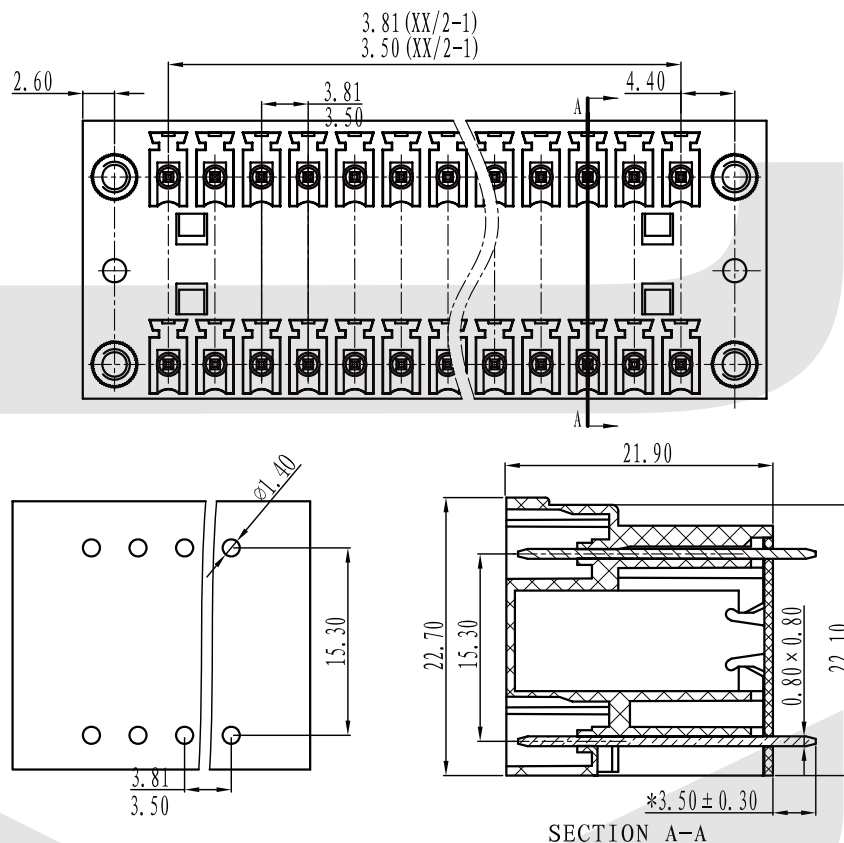
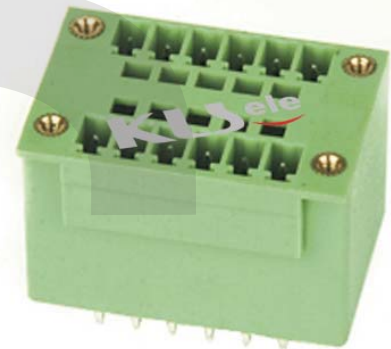
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDALV-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLS electronic
www.cnkls.com

Pluggable Series

KLS2-EDAR-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

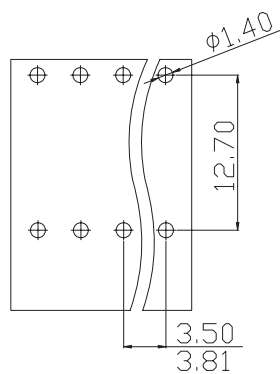
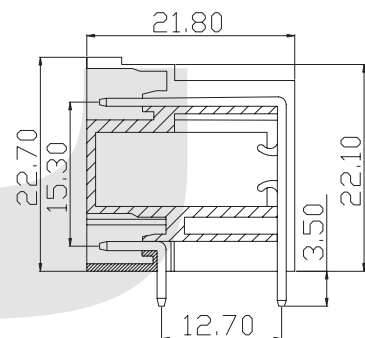
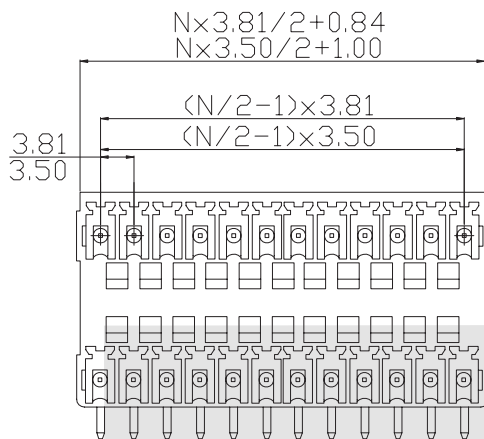
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Housing: PA66, UL94V-0
Pin header: Brass, Tin plated

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



PCB LAYOUT

ORDER INFORMATION

Product NO.: KLS2-EDAR-3.50-XXP X X

Pos. NO. _____
Series No. _____
Pitch: 3.50=3.50mm 3.81=3.81mm _____
Number of Pole _____
Customer Request _____
Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLS electronic
www.cnkls.com

Pluggable Series

KLS2-EDALR-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

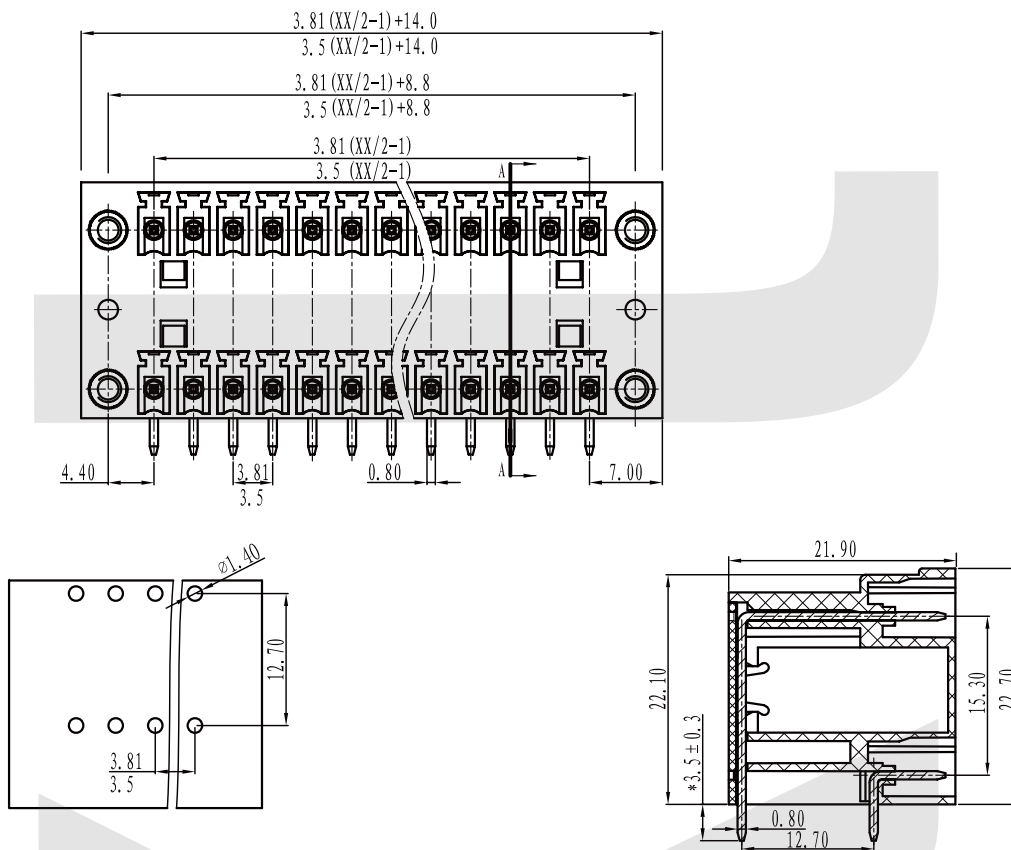
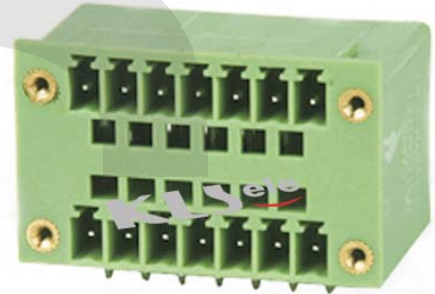
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDALR-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDBV-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

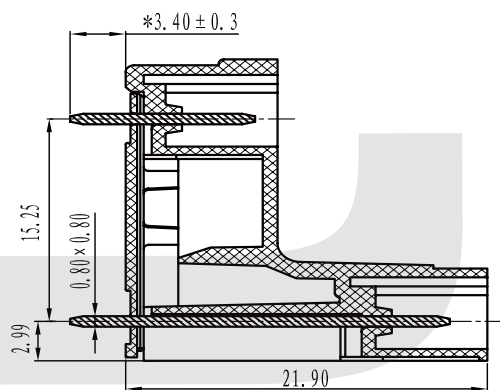
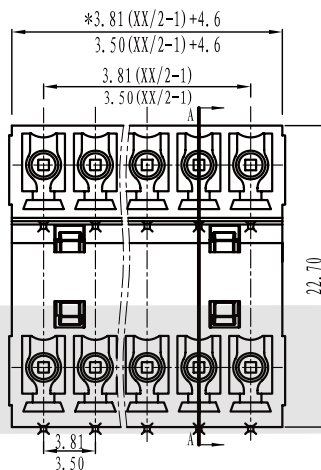
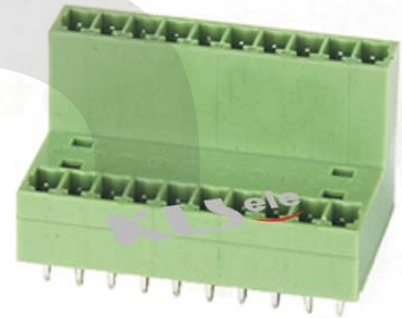
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

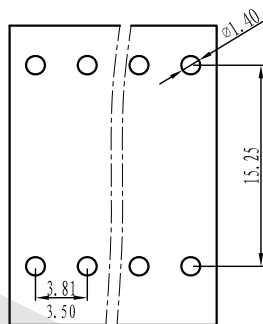
Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



SECTION A-A



ORDER INFORMATION

Product NO.: KLS2-EDBV-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDBR-3.50/3.81 Series Pitch=3.50mm/3.81mm

Electrical :

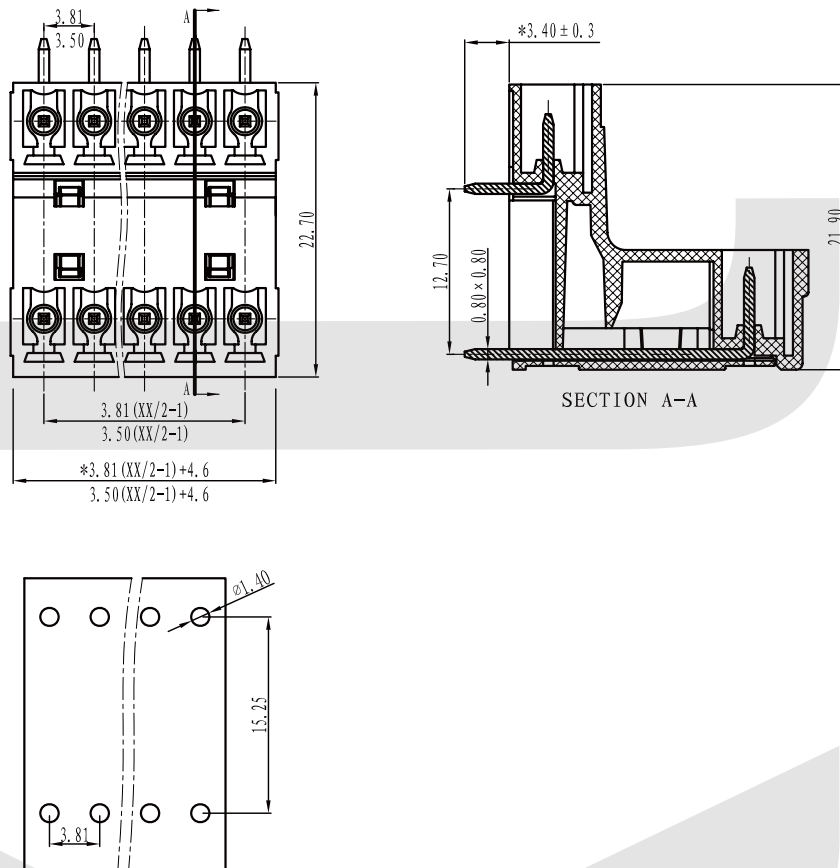
Rated voltage: 300V
Rated current: 8A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDBR-3.50-XXP X X

Pos. NO.

Series No.

Pitch: 3.50=3.50mm 3.81=3.81mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDK-3.96 Series Pitch=3.96mm

Electrical :

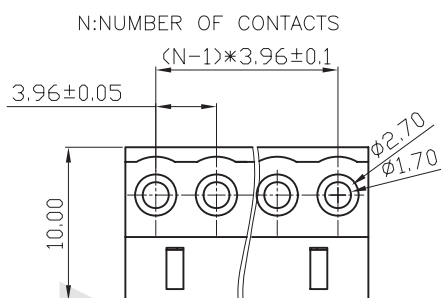
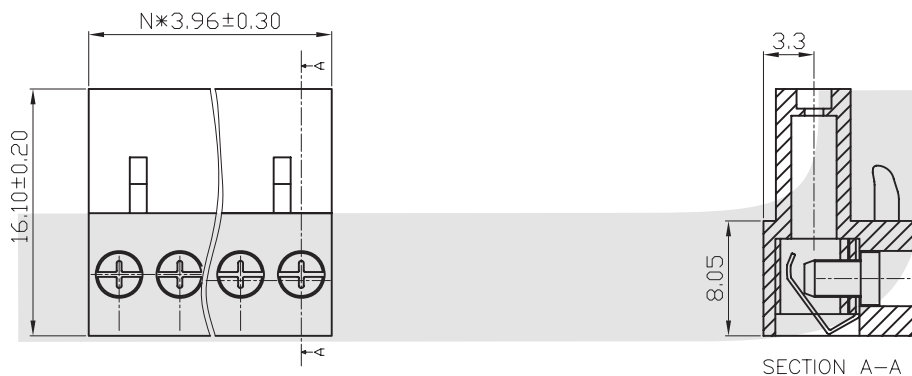
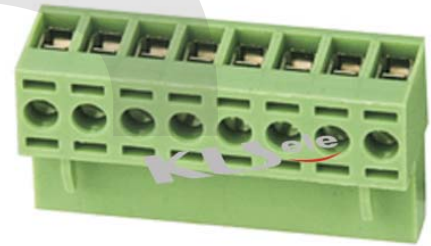
Rated voltage: 300V
Rated current: 10A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min
Wire range: 28-12AWG 2.5mm²

Material

Screws: M2.5 steel Zinc plated
Contact: Phosphor bronze
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec.
Torque: 0.4Nm (3.6lb.in)
Strip length: 7-8mm



ORDER INFORMATION

Product NO.: KLS2-EDK-3.96-XXP X X X

Pos. NO. _____
Series No. _____
Pitch 3.96=3.96mm
Number of Pole _____
Customer Request
Screw: C=Cross Screw
S=Slot Screw
Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDR-3.96 Series Pitch=3.96mm

Electrical :

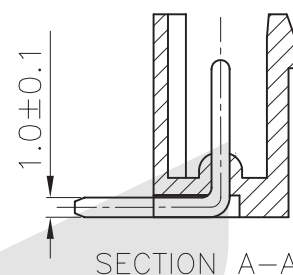
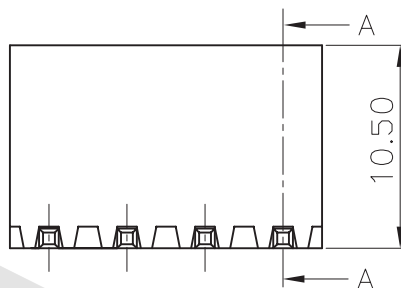
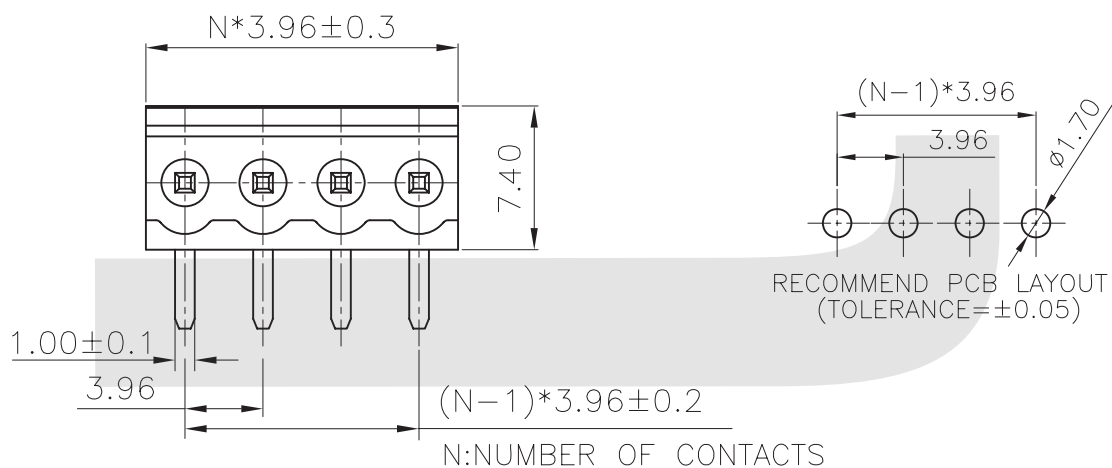
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+130°C
MAX Soldering: +250°C for 5 Sec.



ORDER INFORMATION

Product NO.: KLS2-EDR-3.96-XXP X X

Pos. NO.

Series No.

Pitch: 3.96=3.96mm
Number of Pole

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDV-3.96 Series Pitch=3.96mm

Electrical :

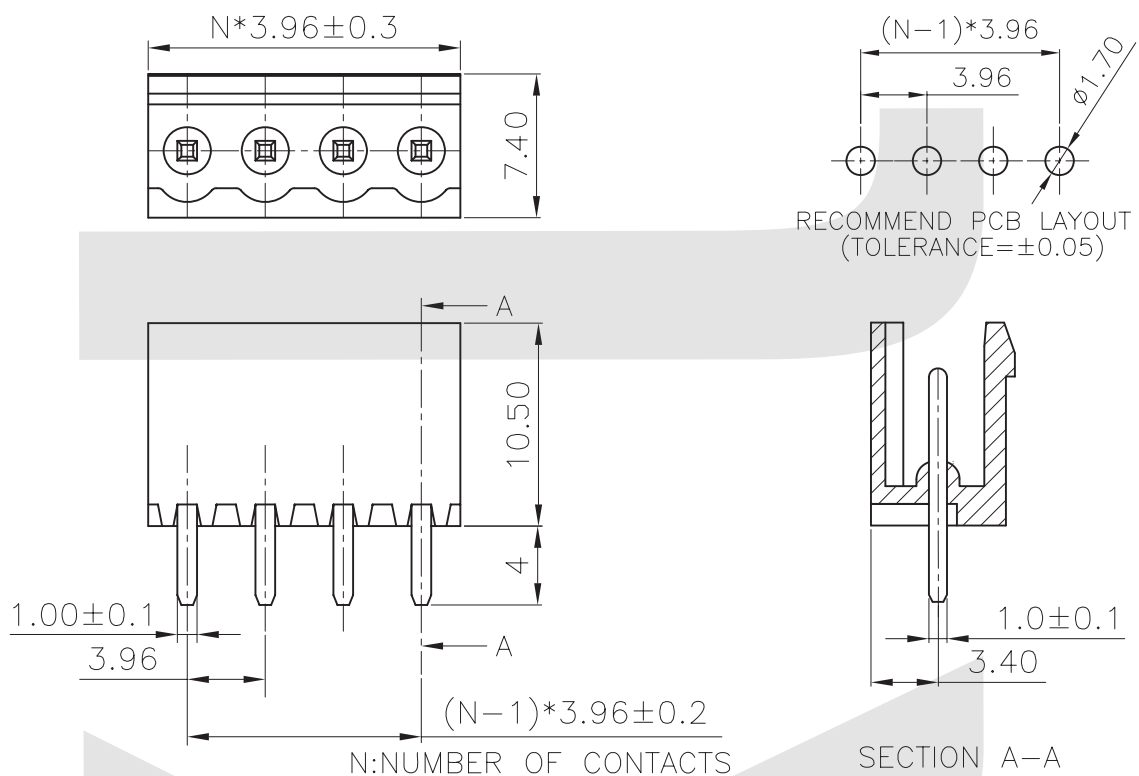
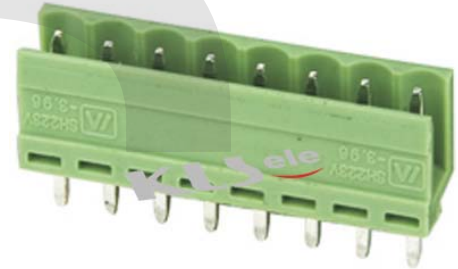
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min
Wire range: 28-12AWG 2.5mm²

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+130°C
MAX Soldering: +250°C for 5 Sec.



ORDER INFORMATION

Product NO.: KLS2-EDV-3.96-XXP X X

Pos. NO.

Series No.

Pitch : 3.96=3.96mm

Number of Pole

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDK-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

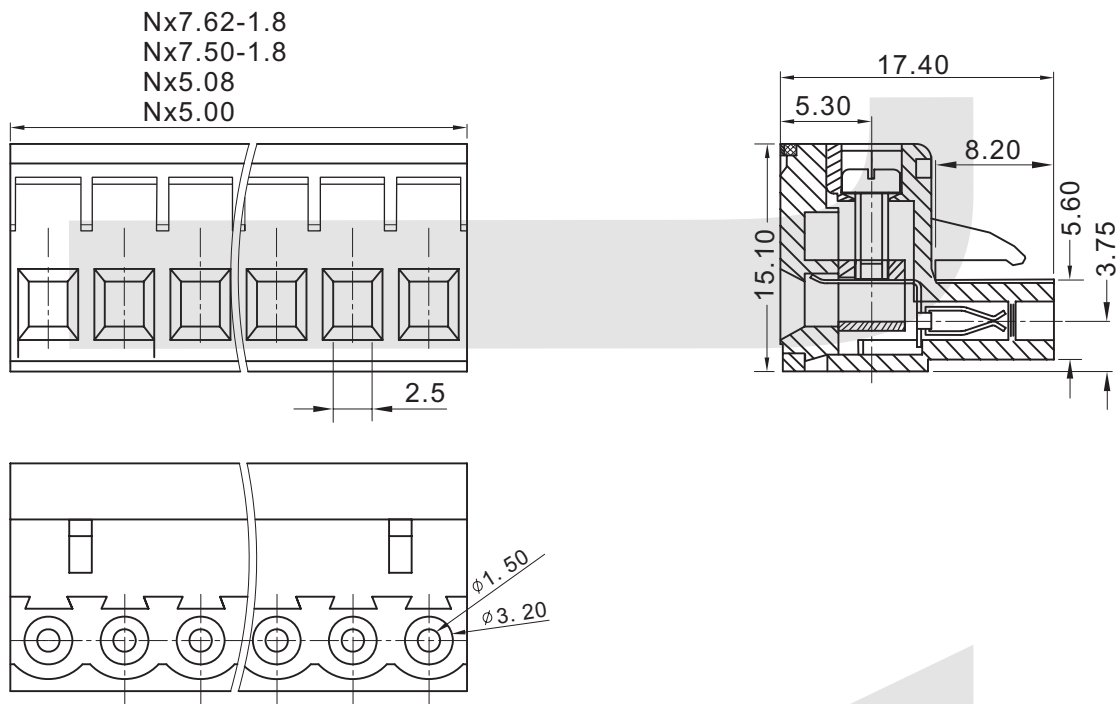
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/DC1000V
Withstanding Voltage: AC2000V/1Min
Wire range: 28-12AWG 2.5mm²

Material

Contact: Phosphor bronze
Screws: M2.5, steel, Zinc plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
Torque: 0.4Nm(3.6Lb.in)
Strip length: 7-8mm



ORDER INFORMATION

Product NO.: KLS2-EDK-5.00-XXP X X X

Pos. NO.	Customer Request
Series No.	Screw: C=Cross Screw S=Slot Screw
Pitch 5.00=5.00mm 5.08=5.08mm	Color: 1=Gray 2=Blue 3=Black
7.50=7.50mm 7.62=7.62mm	4=Green 5=Orange 6=Red
Number of Pole	7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDCKM-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

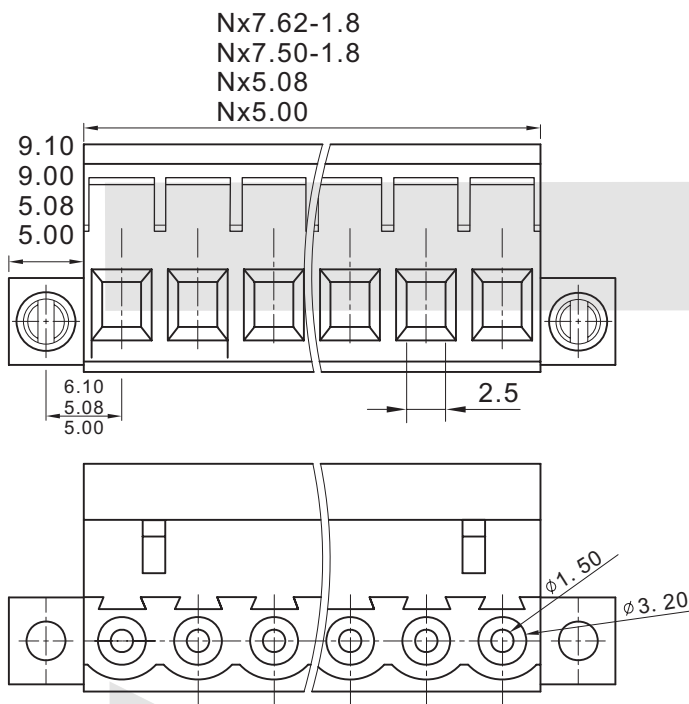
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/DC1000V
Withstanding Voltage: AC2000V/1Min
Wire range: 28-12AWG 2.5mm²

Material

Contact: Phosphor bronze
Screws: M2.5, steel, Zinc plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
Torque: 0.4Nm(3.6Lb.in)
Strip length: 7-8mm



ORDER INFORMATION

Product NO.: KLS2-EDCKM-5.00-XXP X X X

Pos. NO.	Customer Request
Series No.	Screw: C=Cross Screw S=Slot Screw
Pitch 5.00=5.00mm 5.08=5.08mm	Color: 1=Gray 2=Blue 3=Black
7.50=7.50mm 7.62=7.62mm	4=Green 5=Orange 6=Red
Number of Pole	7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLS electronic
www.cnkls.com

Pluggable Series

KLS2-EDKF-5.08 Series Pitch=5.08mm

Electrical :

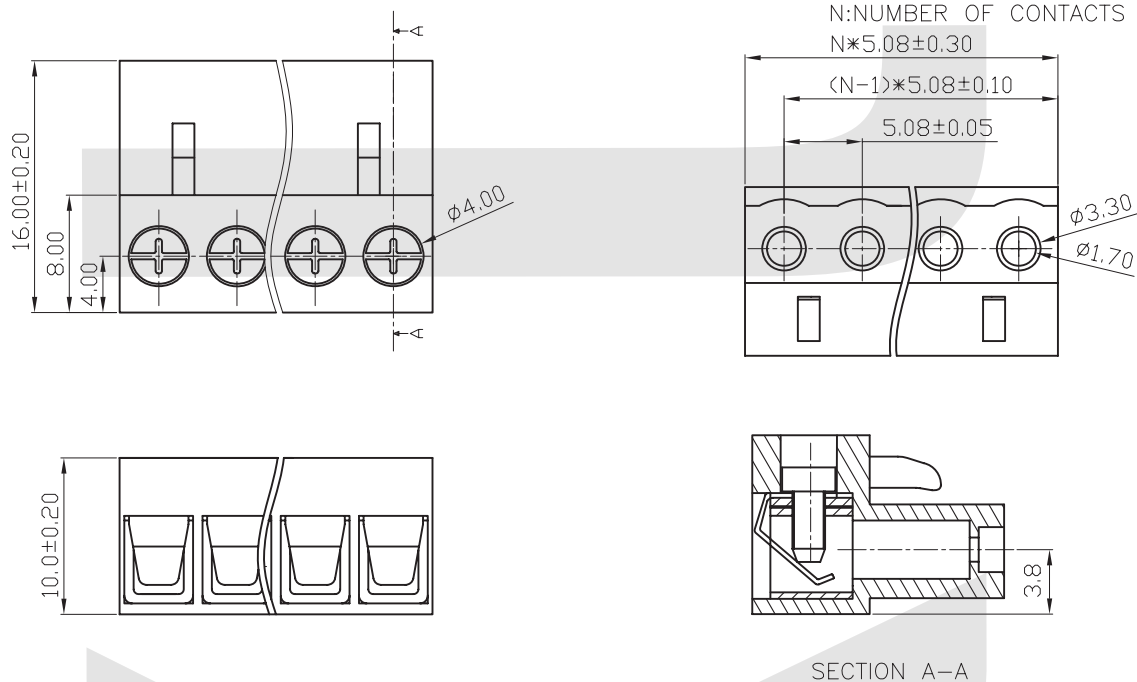
Rated voltage: 300V
Rated current: 10A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min
Wire range: 28-12AWG 2.5mm²

Material

Screws: M2.5 steel Zinc plated
Contact: Phosphor bronze
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec.
Torque: 0.4Nm (3.6lb.in)
Strip length: 7-8mm



ORDER INFORMATION

Product NO.: KLS2-EDKF-5.08-XXP X X X

Pos. NO. _____
Series No. _____
Pitch 5.08=5.08mm
Number of Pole _____
Customer Request
Screw: C=Cross Screw
S=Slot Screw
Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDKAM-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

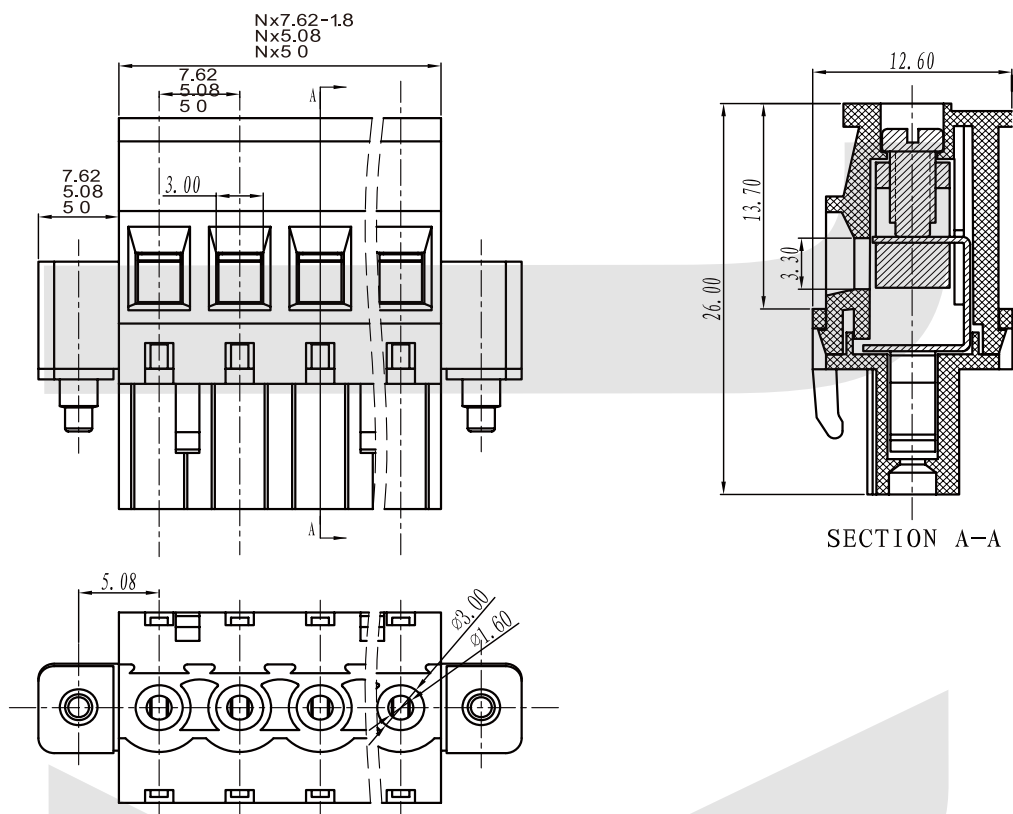
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact :Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque:0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



ORDER INFORMATION

Product NO.: KLS2-EDKAM-5.00-XXP X X X

Pos. NO. _____	Customer Request
Series No. _____	Screw: C=Cross Screw S=Slot Screw
Pitch: 5.00=5.00mm 5.08=5.08mm	Color: 1=Gray 2=Blue 3=Black
7.62=7.62mm	4=Green 5=Orange 6=Red
Number of Pole _____	7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

Pluggable Series

KLS2-EDKA Pitch: 5.00 and 5.08mm

Electrical :

Rated voltage: 300V

Rated current: 15A

Contact resistance: 20mΩ

Insulation resistance: 5000MΩ/1000V

Withstanding Voltage: AC1500V/1Min

Material

Housing: Pa66, UL94V-0

Screws: M2.5, steel, Zinc plated

Contact : Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C

MAX Soldering: +250°C for 5 Sec

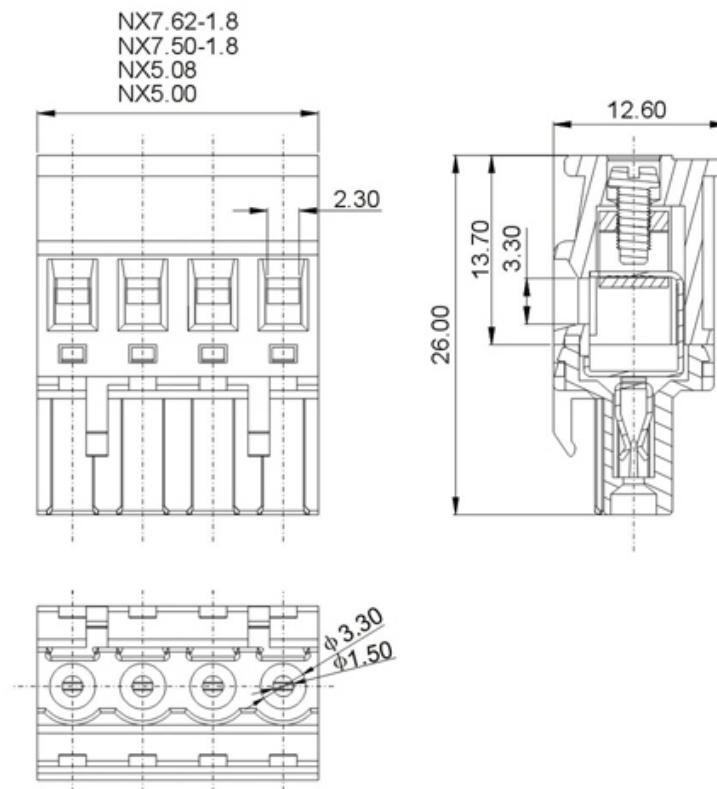
Wire range: 28-12AWG 2.5mm²

Torque: 0.4Nm (3.6Lb. in)

Strip length: 7-8 mm



II



ORDER INFORMATION

Product NO. : KLS2-EDKA- 5.00 -XXP X X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm
7.62=7.62mm

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot ScrewColor: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDKB-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

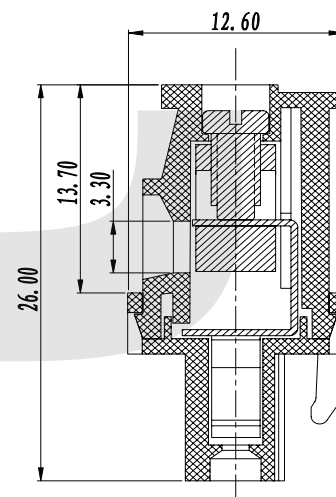
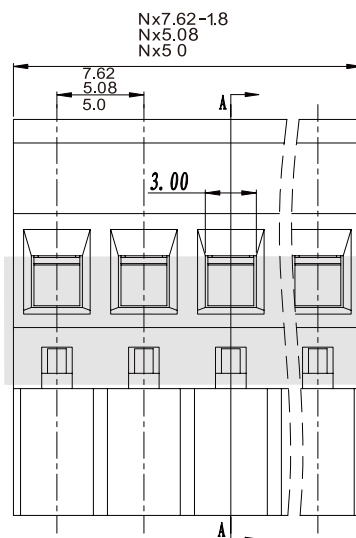
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

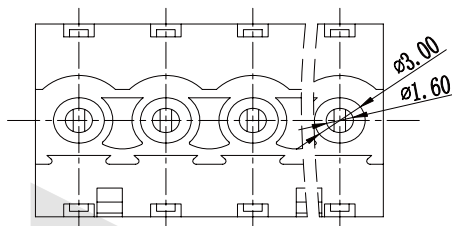
Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact : Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque: 0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



SECTION A-A



ORDER INFORMATION

Product NO.: KLS2-EDKB-5.00-XXP X X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm
7.62=7.62mm

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDKBM-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

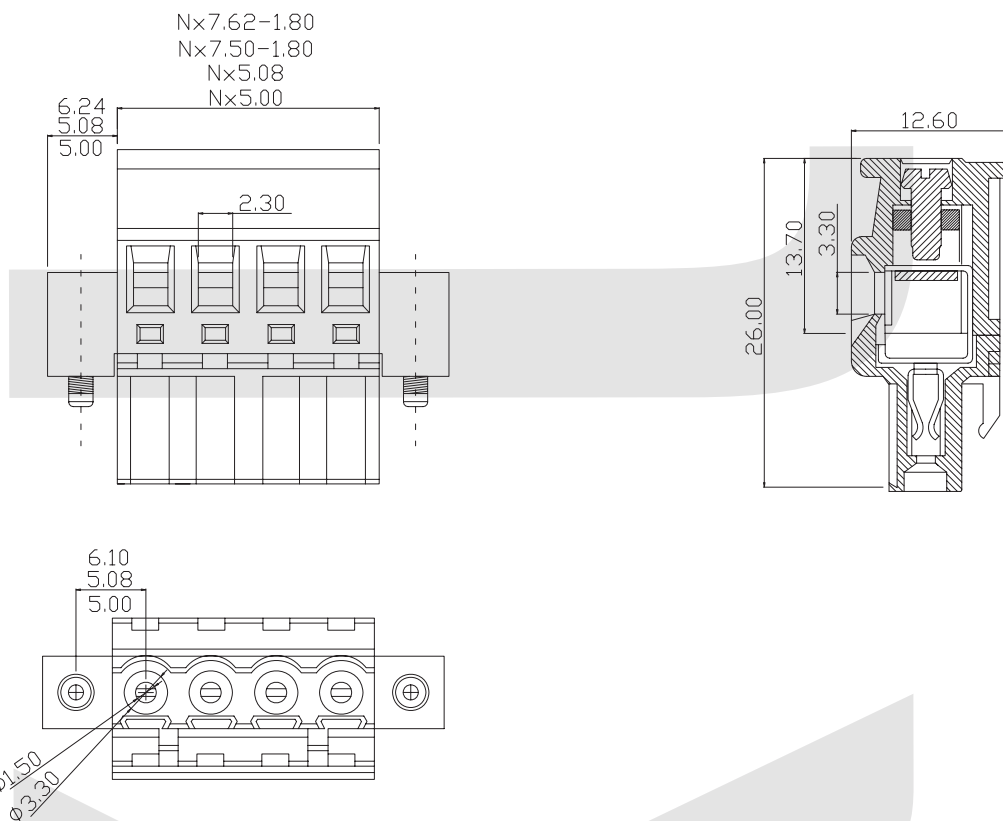
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Housing: PA66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact: Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
Wire range: 26-12AWG 2.5mm²
Torque: 0.4Nm(3.6Lb.in)
Strip length: 7-8mm



ORDER INFORMATION

Product NO.: KLS2-EDKBM-5.00-XXP X X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm
7.50=7.50mm 7.62=7.62mm

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDKC-5.08/5.00 Series Pitch=5.08mm/5.00mm

Electrical :

Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

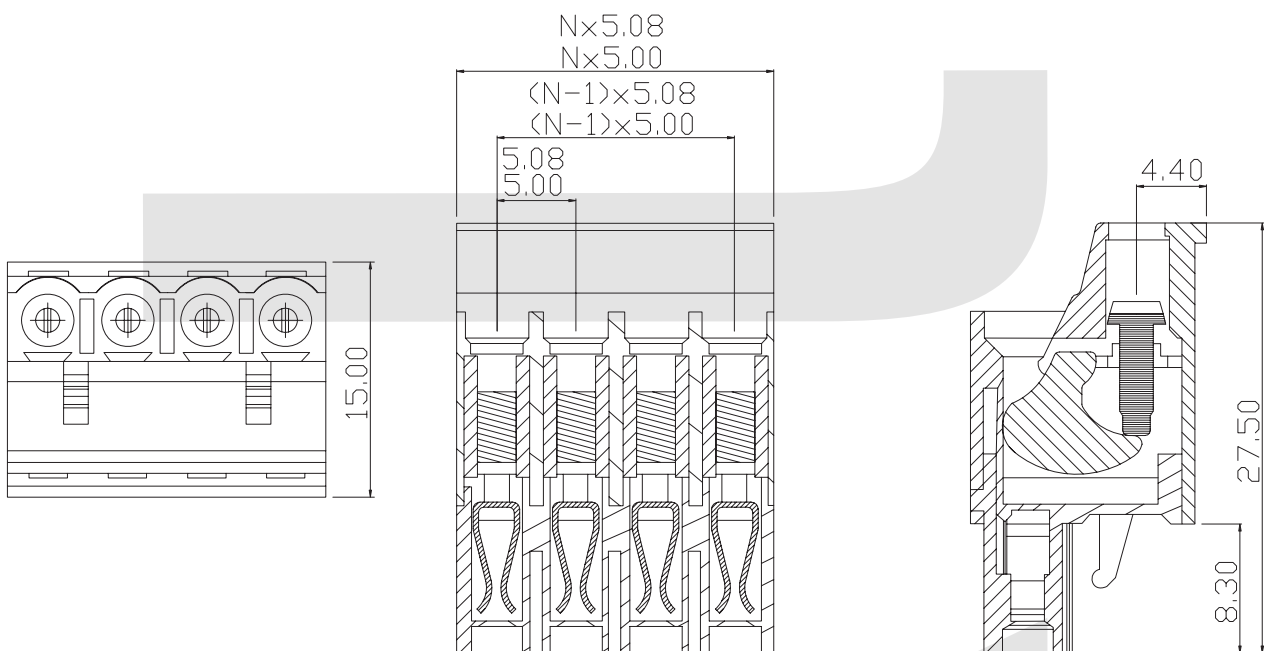
Housing: PA66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact: Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque: 0.4Nm(3.6Lb.in)
Strip length: 7-8mm



II



ORDER INFORMATION

Product NO.: KLS2-EDKC-5.00-XXP X X X

Pos. NO.	_____	Customer Request
Series No.	_____	Screw: C=Cross Screw S=Slot Screw
Pitch: 5.00=5.00mm 5.08=5.08mm	_____	Color: 1=Gray 2=Blue 3=Black 4=Green 5=Orange 6=Red 7=Transparent 8=Yellow 9=White
Number of Pole	_____	

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDKD-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

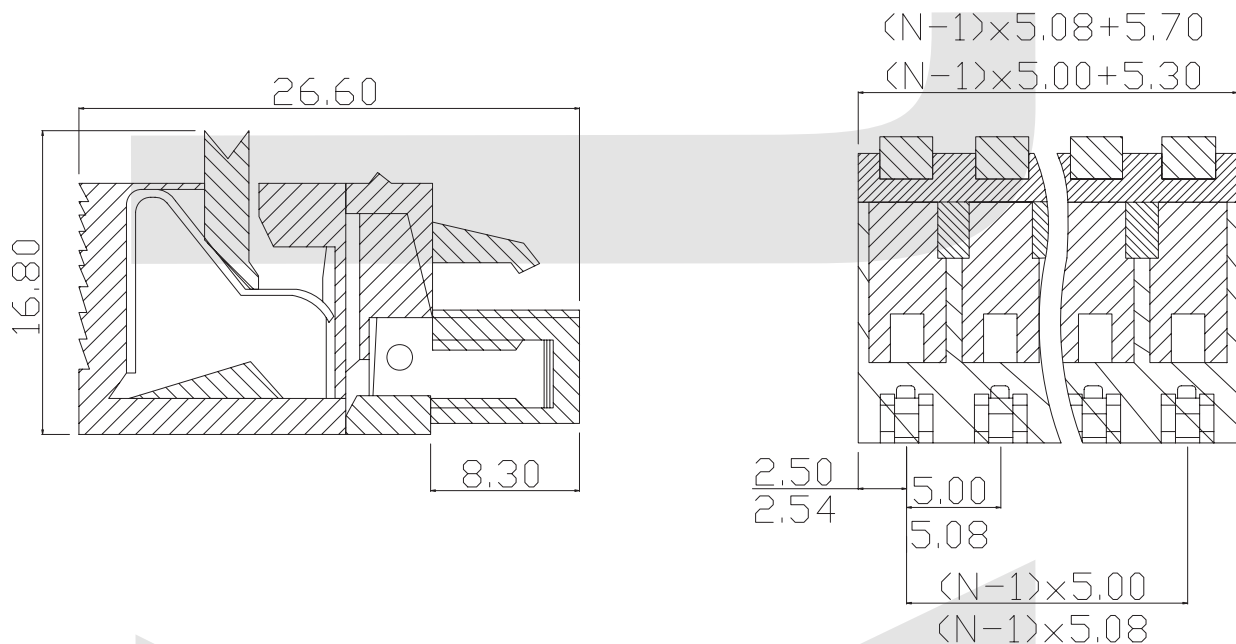
Rated voltage: 300V
Rated current: 10A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

Housing: PA66, UL94V-0
Contact: Stainless steel

Mechanical

Temp. Range: -40°C~+105°C
Wire range: 26-12AWG 2.5mm²
Strip length: 10-11mm



ORDER INFORMATION

Product NO.: KLS2-EDKD-5.00-XXP X X

Pos. NO. _____	_____	_____	_____	_____	_____
Series No. _____	_____	_____	_____	_____	Customer Request
Pitch: 5.00=5.00mm	5.08=5.08mm	_____	_____	_____	Color: 1=Gray
Number of Pole _____	_____	_____	_____	_____	4=Green
					2=Blue
					5=Orange
					3=Black
					6=Red
					7=Transparent
					8=Yellow
					9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDKDM-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

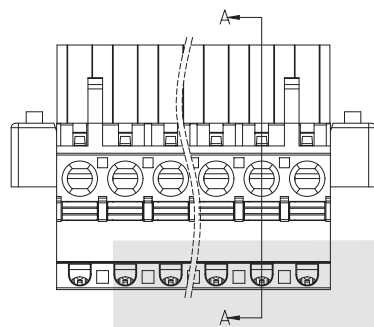
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact :Phosphor Bronze

Mechanical

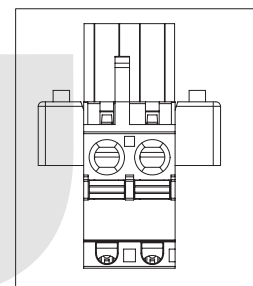
Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque:0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



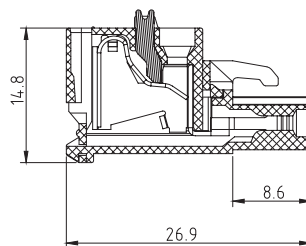
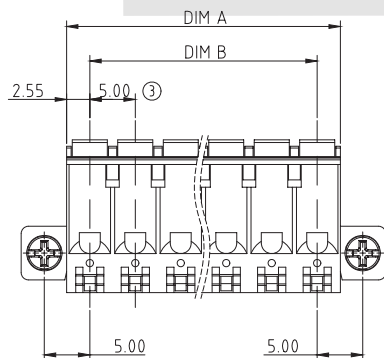
Dimension

DIM A	$N \times 5.0 + 0.10$
DIM B	$(N-1) \times 5.0$

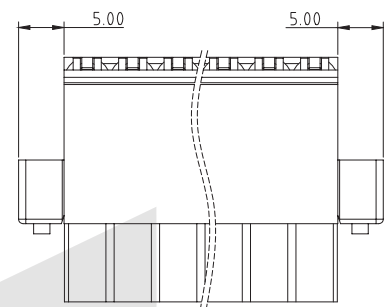
N=Number of poles



2P



SECTION A-A



ORDER INFORMATION

Product NO.: KLS2-EDKDM-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm
7.62=7.62mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLS electronic
www.cnkls.com

Pluggable Series

KLS2-EDKE-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

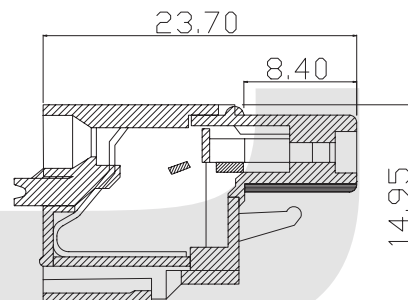
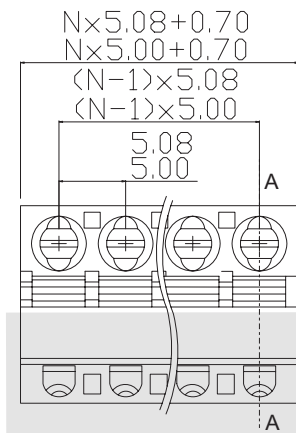
Rated voltage: 300V
Rated current: 10A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC2000V/1Min

Material

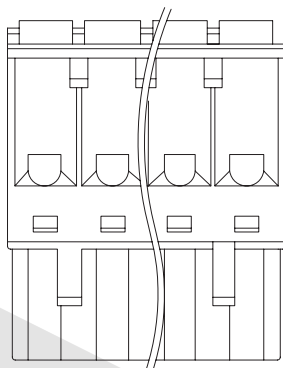
Housing: PA66, UL94V-0
Contact: Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
Wire range: 28-12AWG 2.5mm²
Strip length: 10-16mm



SECTION A-A



ORDER INFORMATION

Product NO.: KLS2-EDKE-5.00-XXP X X

Pos. NO. _____
Series No. _____
Pitch: 5.00=5.00mm 5.08=5.08mm _____
Number of Pole _____
Customer Request _____
Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDKEM-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

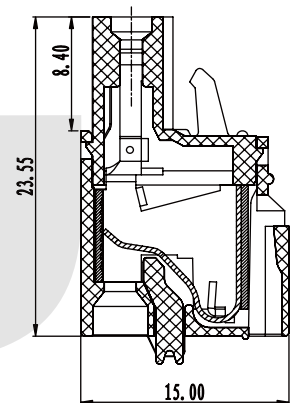
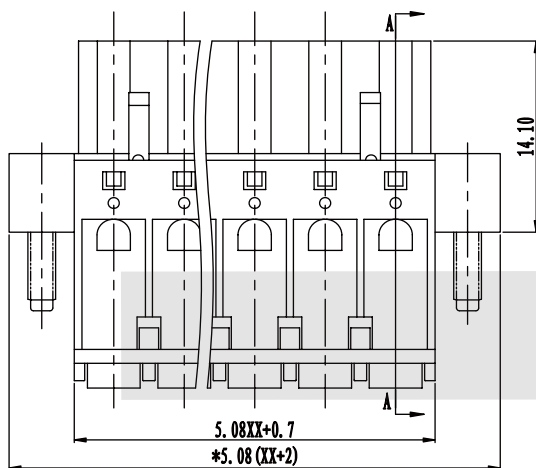
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

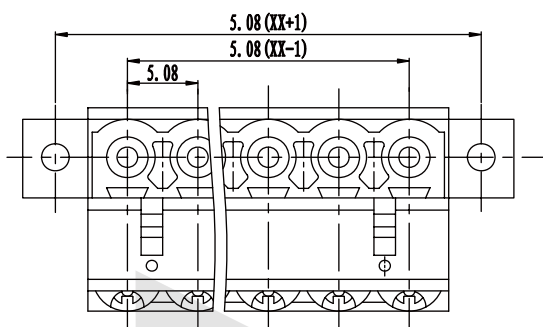
Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact :Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque:0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



SECTION A-A



ORDER INFORMATION

Product NO.: KLS2-EDKEM-5.00-XXP X X

Pos. NO. _____

Series No. _____

Pitch: 5.00=5.00mm 5.08=5.08mm

Number of Pole _____

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

Pluggable Series

KLS2-EDV-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

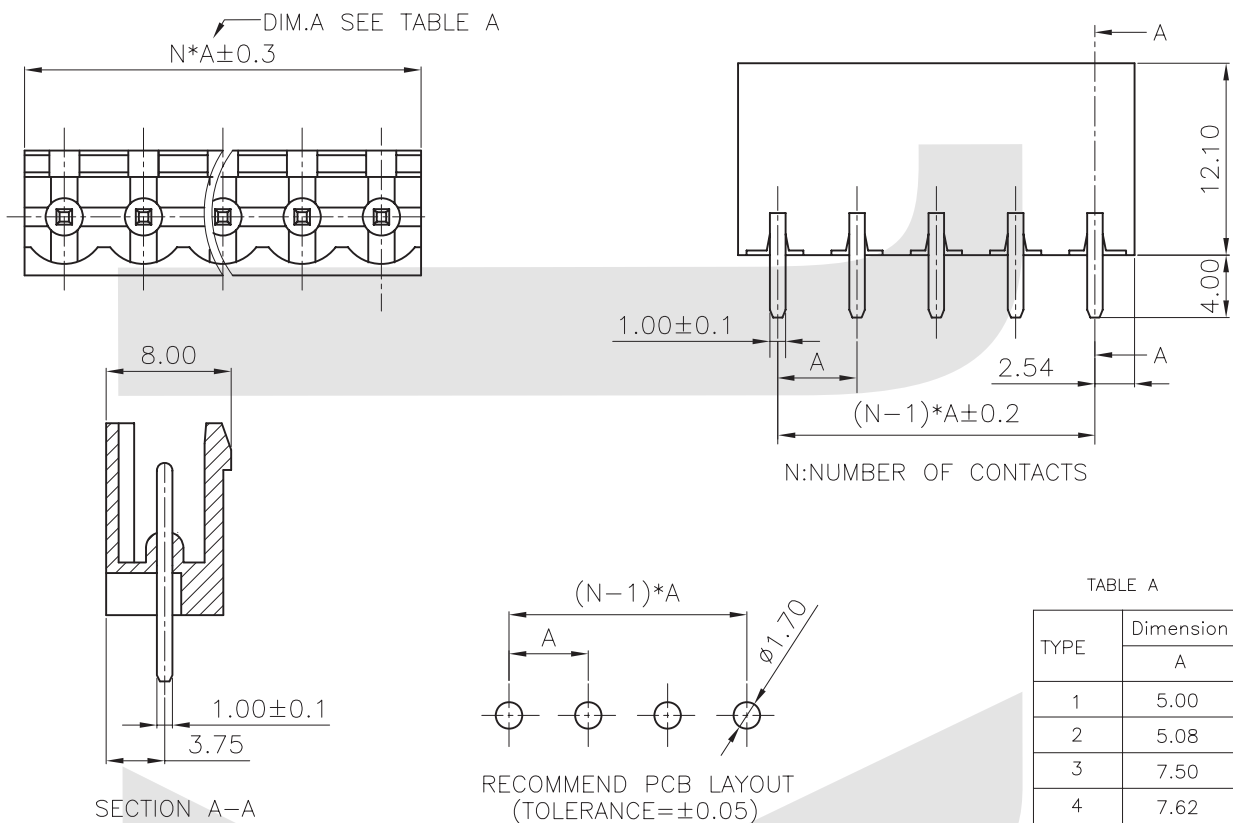
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDV-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm
7.50=7.50mm 7.62=7.62mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDR-5.00/EDR-5.08 Series Pitch=5.00mm/5.08mm

Electrical :

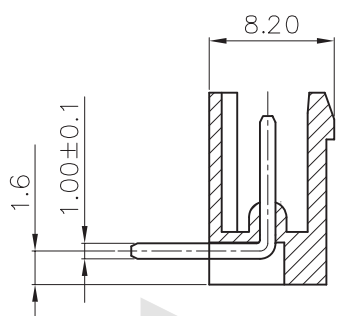
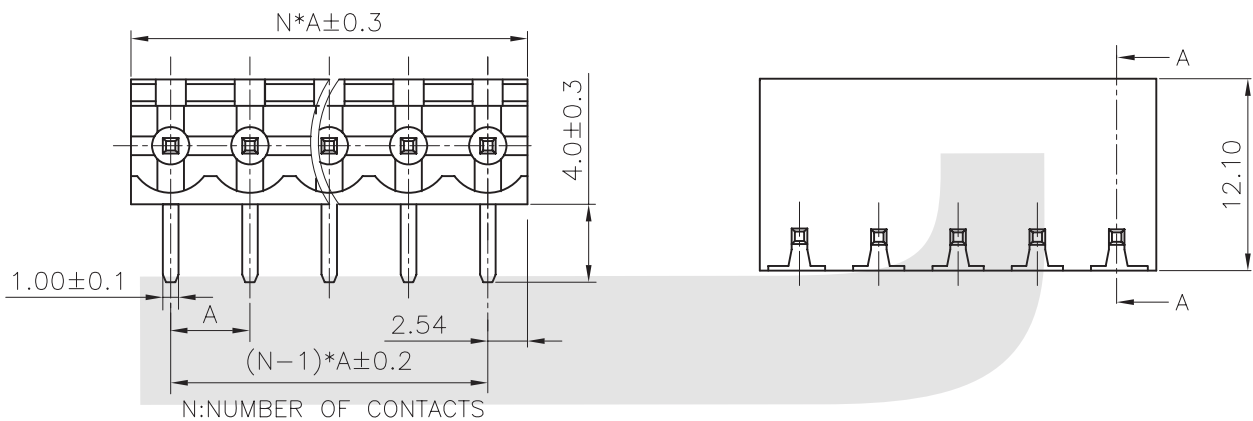
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

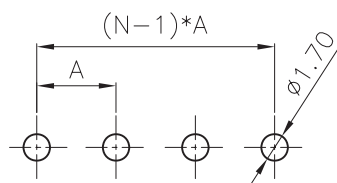
Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



SECTION A-A



RECOMMEND PCB LAYOUT
(TOLERANCE=±0.05)

TABLE A

TYPE	Dimension
	A
1	5.00
2	5.08
3	7.50
4	7.62

ORDER INFORMATION

Product NO.: KLS2-EDR-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm
7.50=7.50mm

Number of Pole

5.08=5.08mm
7.62=7.62mm

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDVC-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

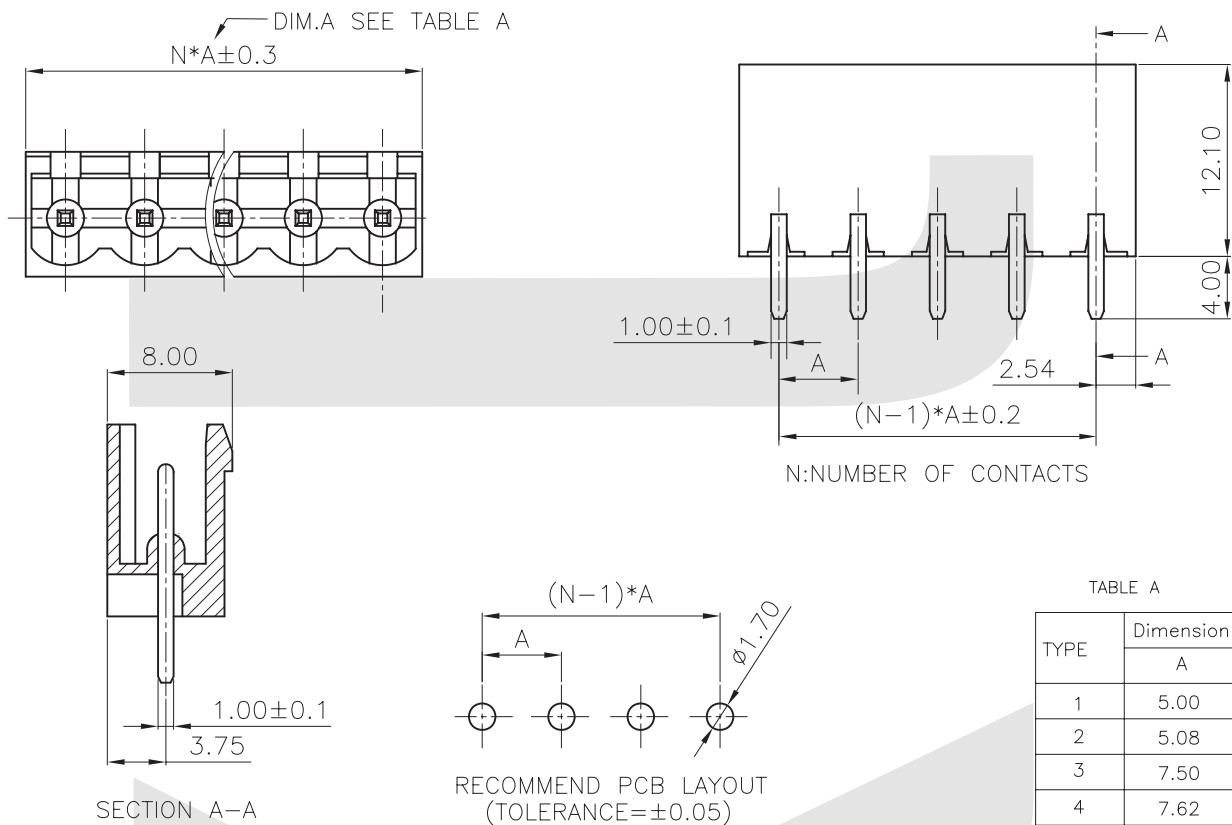
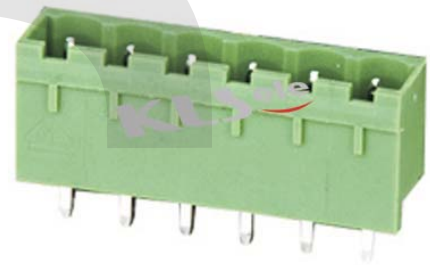
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



ORDER INFORMATION

Product NO.: KLS2-EDVC-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm
7.50=7.50mm

Number of Pole

5.08=5.08mm
7.62=7.62mm

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDRC-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec

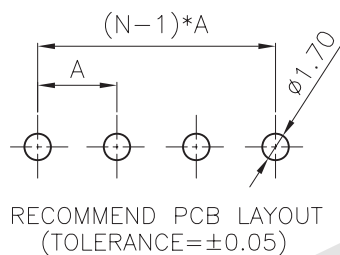
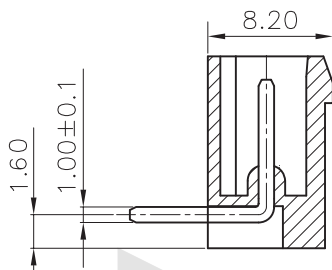
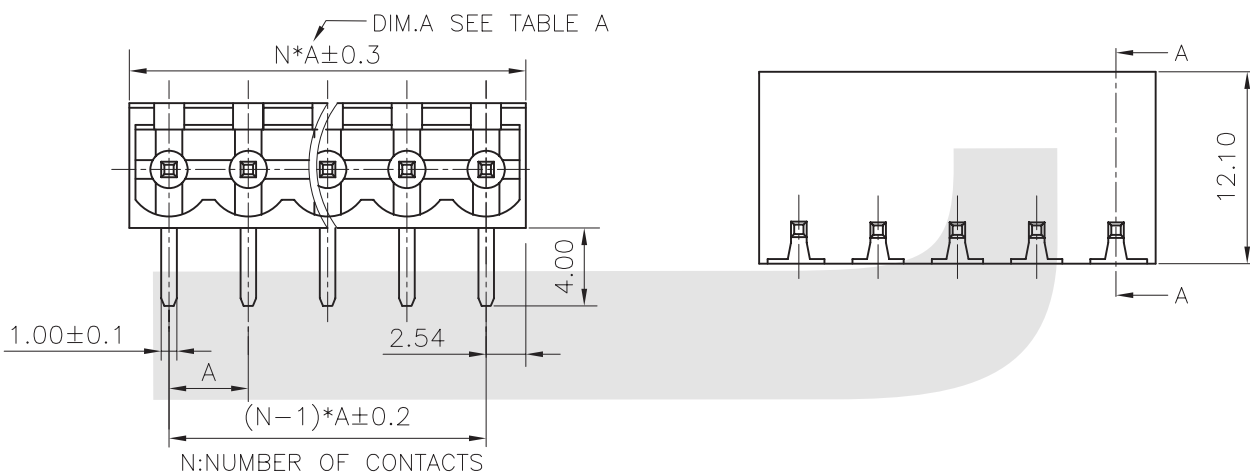


TABLE A

TYPE	Dimension
	A
1	5.00
2	5.08
3	7.50
4	7.62

ORDER INFORMATION

Product NO.: KLS2-EDRC-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm

7.50=7.50mm

Number of Pole

5.08=5.08mm

7.62=7.62mm

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

Pluggable Series

KLS2-EDVY-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

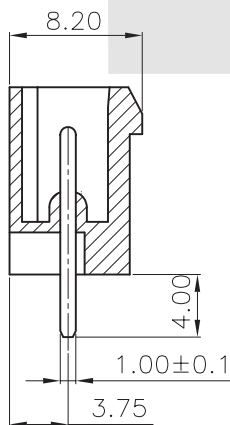
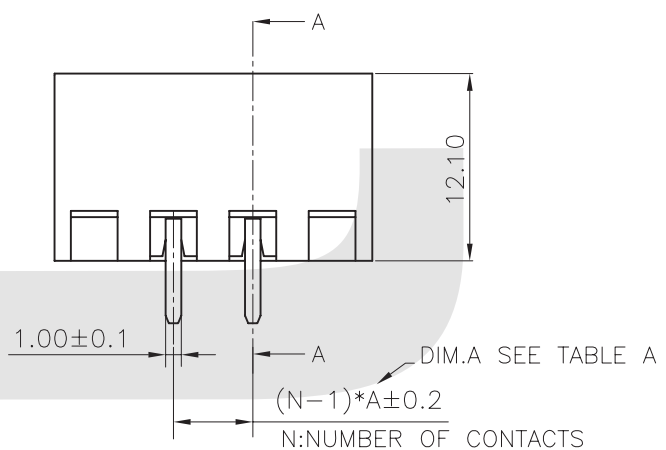
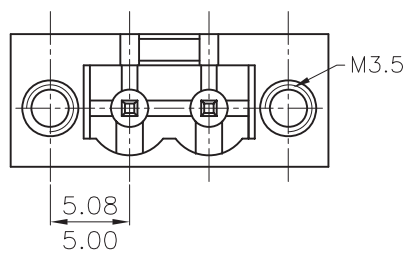
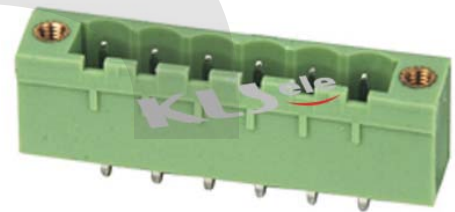
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



SECTION A-A

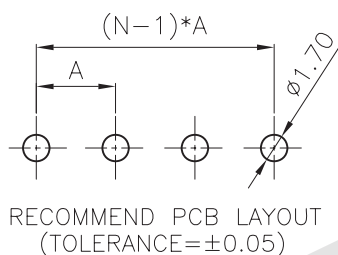


TABLE A

TYPE	Dimension
	A
1	5.00
2	5.08
3	7.50
4	7.62

ORDER INFORMATION

Product NO.: KLS2-EDVY-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm

7.50=7.50mm

Number of Pole

5.08=5.08mm

7.62=7.62mm

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDRY-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

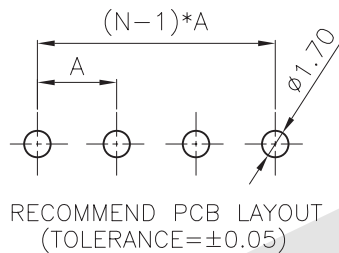
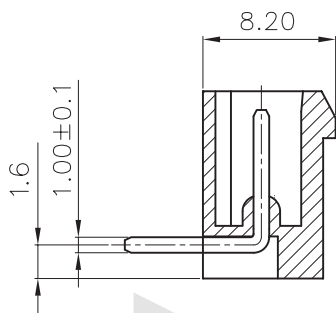
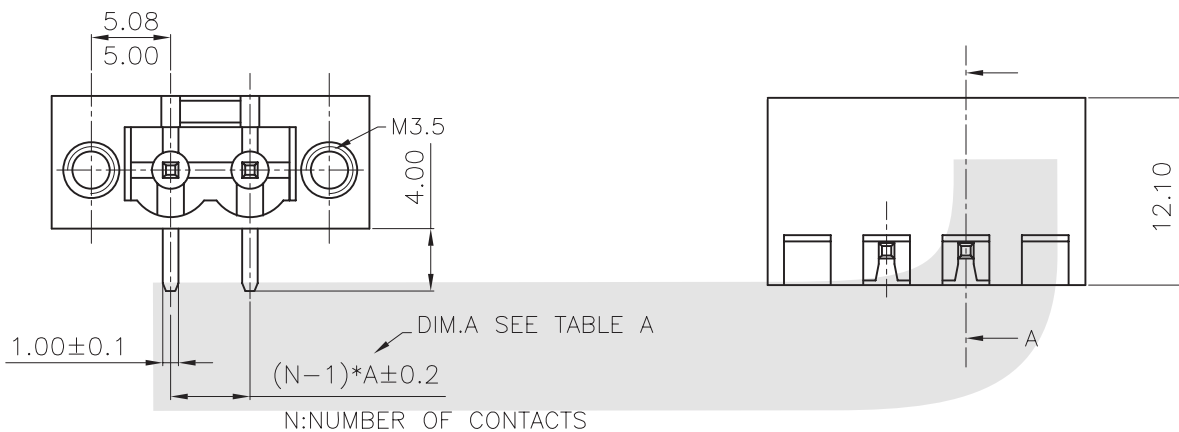
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Pin header: Brass, Tin plated
Housing: PA66, UL94V-0

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec



RECOMMEND PCB LAYOUT
(TOLERANCE=±0.05)

TABLE A

TYPE	Dimension
	A
1	5.00
2	5.08
3	7.50
4	7.62

ORDER INFORMATION

Product NO.: KLS2-EDRY-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm
7.50=7.50mm

Number of Pole

5.08=5.08mm
7.62=7.62mm

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDCV-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

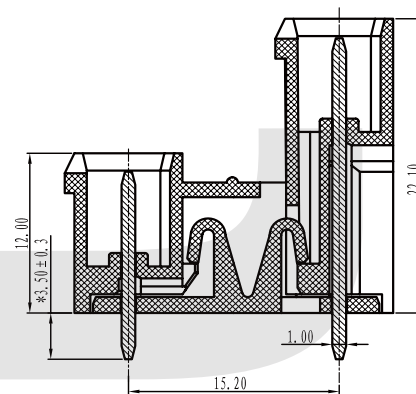
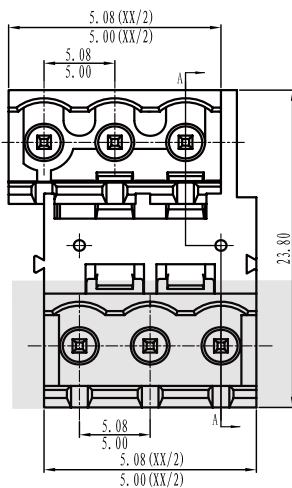
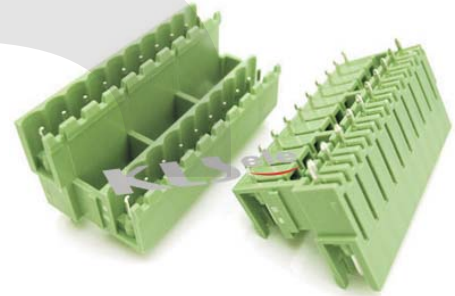
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

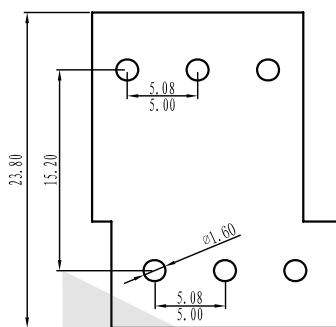
Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact :Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque:0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



SECTION A-A



ORDER INFORMATION

Product NO.: KLS2-EDCV-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm

Number of Pole

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDCRC-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

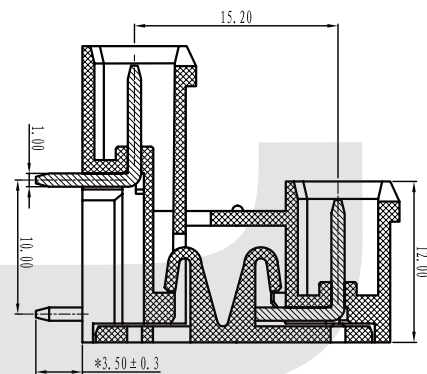
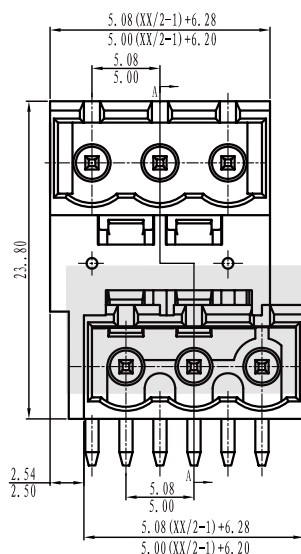
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

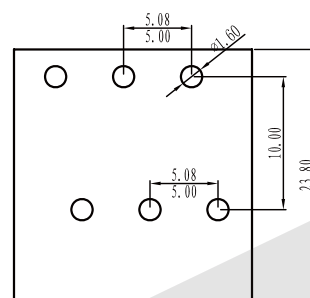
Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact :Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque:0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



SECTION A-A



ORDER INFORMATION

Product NO.: KLS2-EDCRC-5.00-XXP X X

Pos. NO. _____

Series No. _____

Pitch: 5.00=5.00mm 5.08=5.08mm _____

Number of Pole _____

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDDLV-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

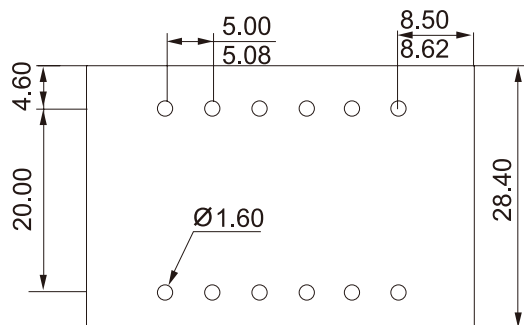
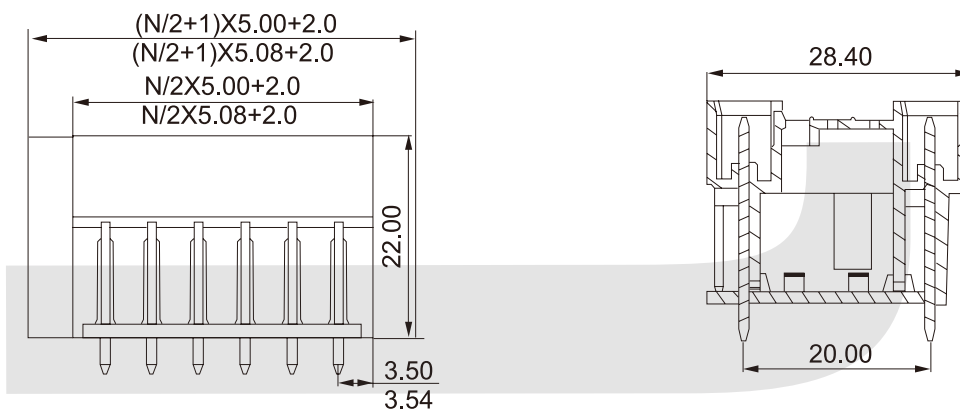
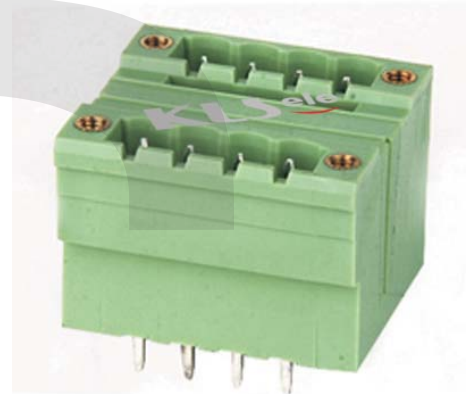
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact :Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque:0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



PCB LAYOUT

ORDER INFORMATION

Product NO.: KLS2-EDDLV-5.00-XXP X X

Pos. NO. _____
Series No. _____
Pitch: 5.00=5.00mm 5.08=5.08mm _____
Number of Pole _____
Customer Request _____

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLS electronic
www.cnkls.com

Pluggable Series

KLS2-EDDLR-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

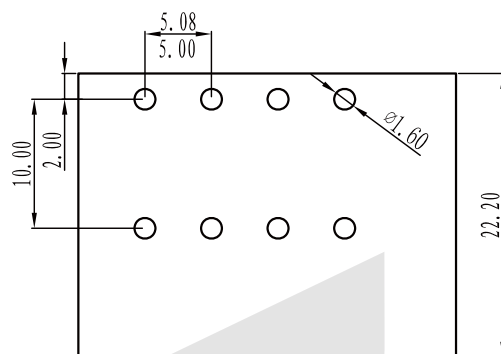
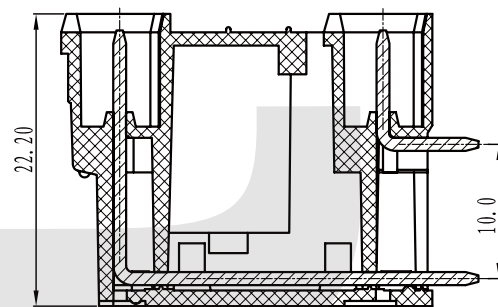
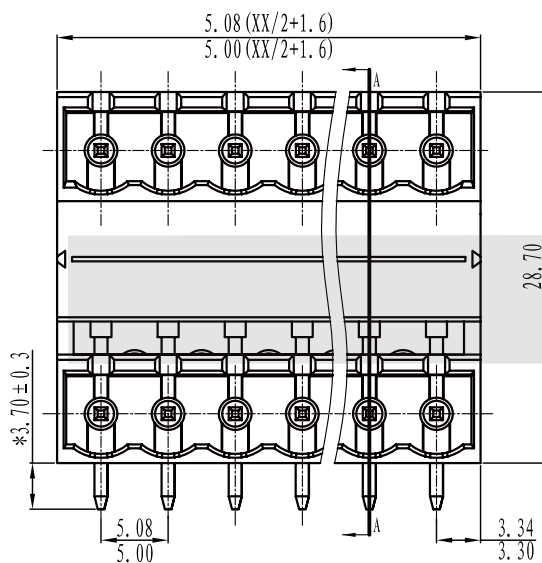
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact :Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque:0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



ORDER INFORMATION

Product NO.: KLS2-EDDLR-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm

Number of Pole

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDDV-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

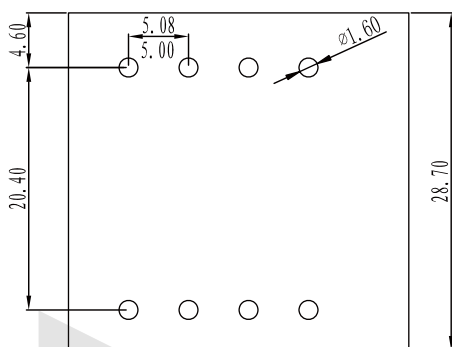
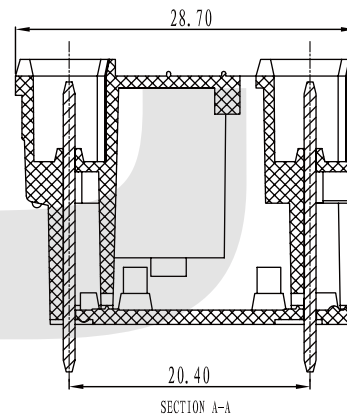
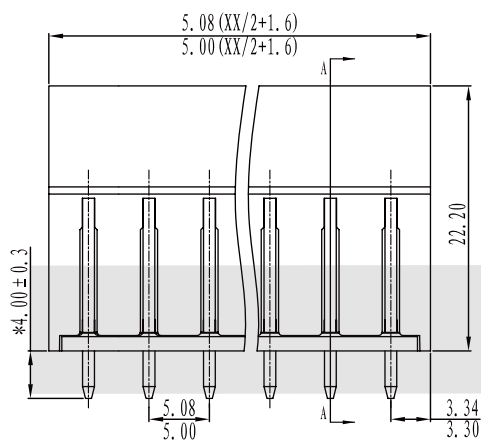
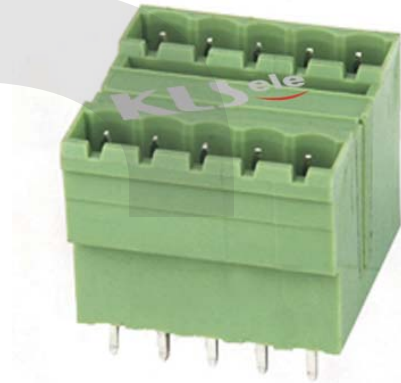
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact : Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque: 0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



ORDER INFORMATION

Product NO.: KLS2-EDDV-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm

Number of Pole

Customer Request

Color: 1=Gray
4=Green
7=Transparent

2=Blue
5=Orange
8=Yellow

3=Black
6=Red
9=White

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

TERMINAL BLOCK Connector

KLSelectronic
www.cnkls.com

Pluggable Series

KLS2-EDDR-5.00/5.08 Series Pitch=5.00mm/5.08mm

Electrical :

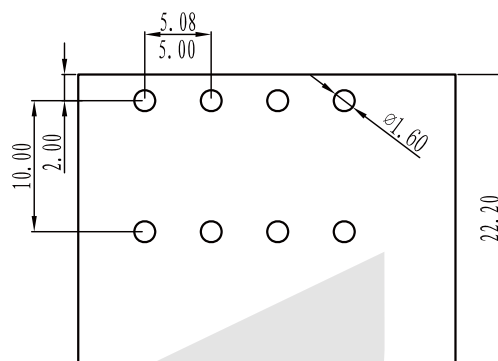
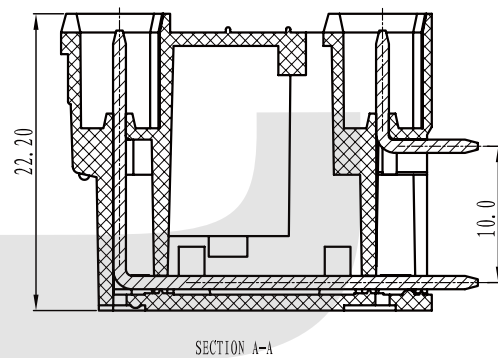
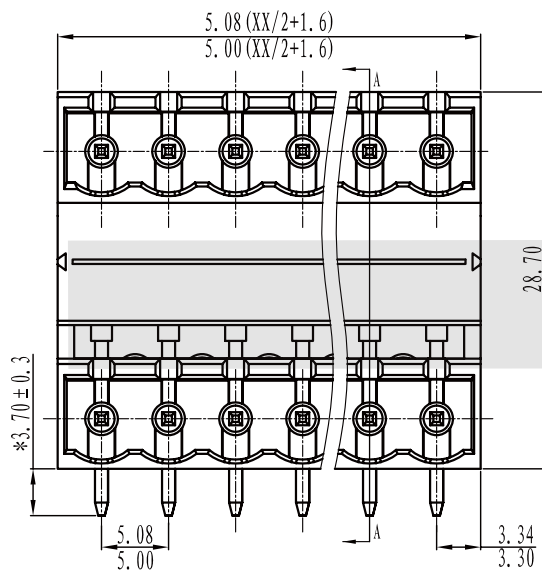
Rated voltage: 300V
Rated current: 15A
Contact resistance: 20mΩ
Insulation resistance: 5000MΩ/1000V
Withstanding Voltage: AC1500V/1Min

Material

Housing: Pa66, UL94V-0
Screws: M2.5, steel, Zinc plated
Contact :Phosphor Bronze

Mechanical

Temp. Range: -40°C~+105°C
MAX Soldering: +250°C for 5 Sec
Wire range: 28-12AWG 2.5mm²
Torque:0.4Nm (3.6Lb. in)
Strip length: 7-8 mm



ORDER INFORMATION

Product NO.: KLS2-EDDR-5.00-XXP X X

Pos. NO.

Series No.

Pitch: 5.00=5.00mm 5.08=5.08mm

Number of Pole

Customer Request

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

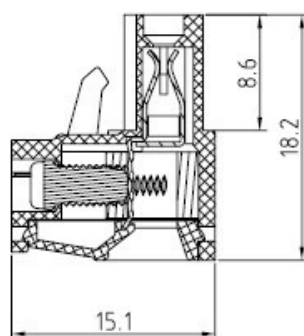
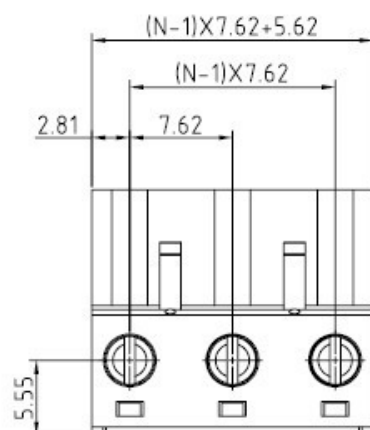
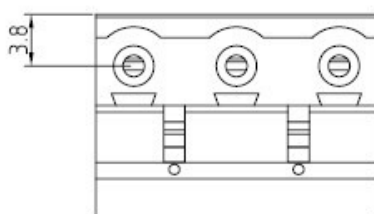
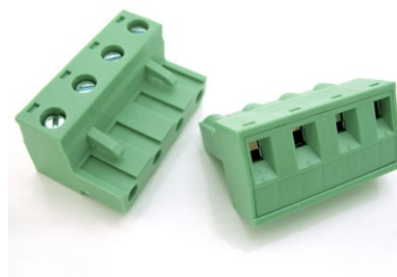
All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

Pluggable Series

KLS2-EDK-7. 62 Pitch 7. 62mm

Capability:

Rated voltage/Rated current:	250V/15A
Wire range:	28-12AWG 2.5mm ²
Withstand Voltage:	1500VAC/1Min
Insulation resistance:	5000MΩ/DC1000V
Contact resistance:	20mΩ
Temp.Range:	-40°C~+105°C
Torque:	0.4Nm (3.6Lb. in)
Strip length:	7-8 mm
MaterialHousing:	PA66,UL94V-0
Screws:	M3,steel,Zinc plated
Contact:	Phosphor Bronze



ORDER INFORMATION

Product NO. : KLS2-EDK- 7.62 -XXP X X X

Pos. NO.

Series No.

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

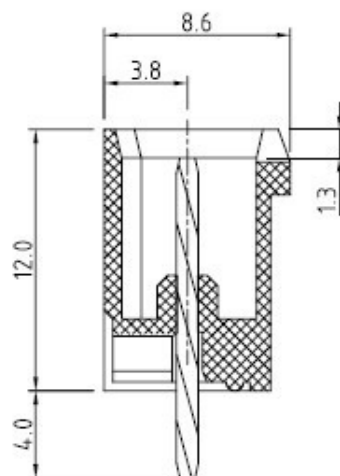
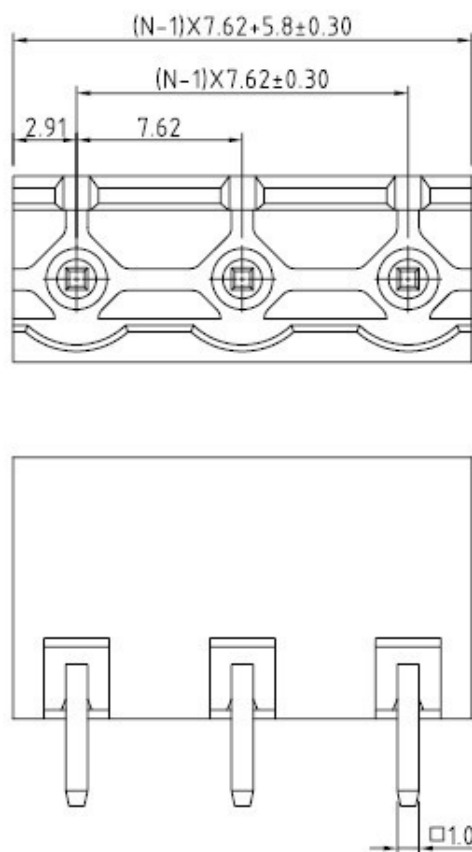
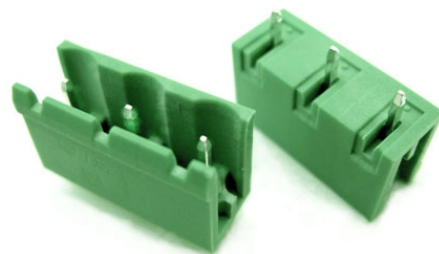
Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

Pluggable Series

KLS2-EDV-7. 62 Pitch 7. 62mm

Capability:

Rated voltage/Rated current:	250V/15A
Withstand Voltage:	1500VAC/1Min
Insulation resistance:	5000MΩ/DC1000V
Contact resistance:	20mΩ
Temp.Range:	-40°C~+105°C
MaterialHousing:	PA66,UL94V-0
Pin header:	Brass Tin plated



ORDER INFORMATION

Product NO. : KLS2-EDV- 7.62 -XXP X X X

Pos. NO.

Series No.

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

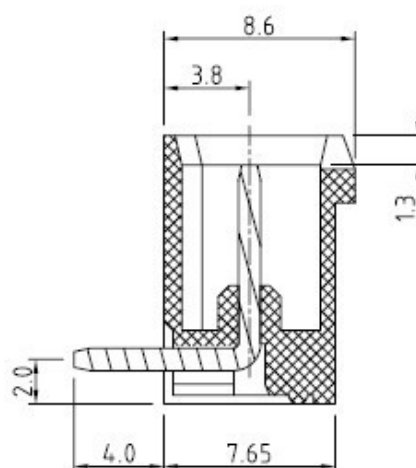
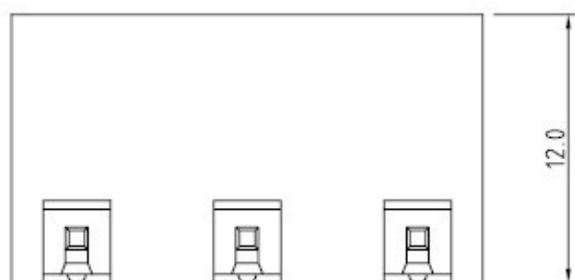
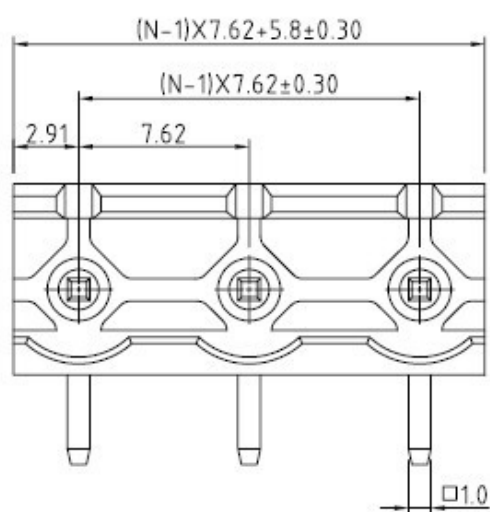
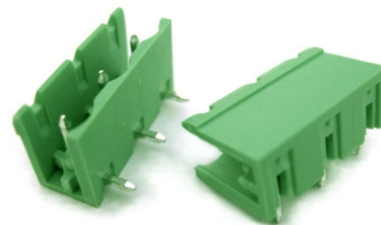
Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White

Pluggable Series

KLS2-EDR-7. 62 Pitch 7. 62mm

Capability:

Rated voltage/Rated current:	250V/15A
Withstand Voltage:	1500VAC/1Min
Insulation resistance:	5000MΩ/DC1000V
Contact resistance:	20mΩ
Temp.Range:	-40°C~+105°C
MaterialHousing:	PA66,UL94V-0
Pin header:	Brass Tin plated



ORDER INFORMATION

Product NO. : KLS2-EDR- 7.62 -XXP X X X

Pos. NO.

Series No.

Number of Pole

Customer Request

Screw: C=Cross Screw
S=Slot Screw

Color: 1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transparent 8=Yellow 9=White