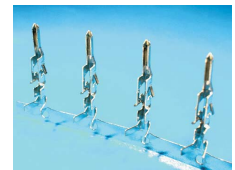
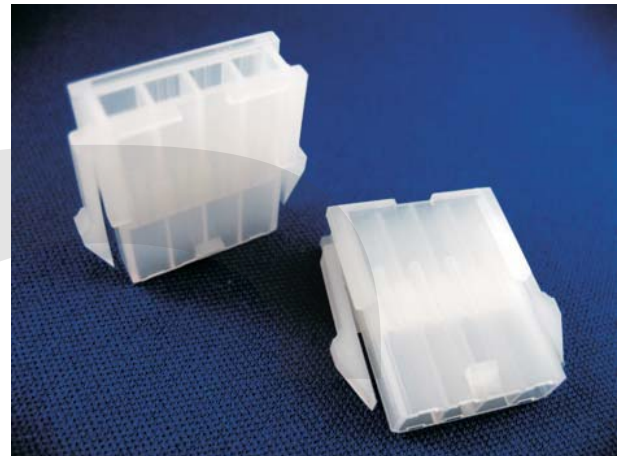


## PCB Connector Series

KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

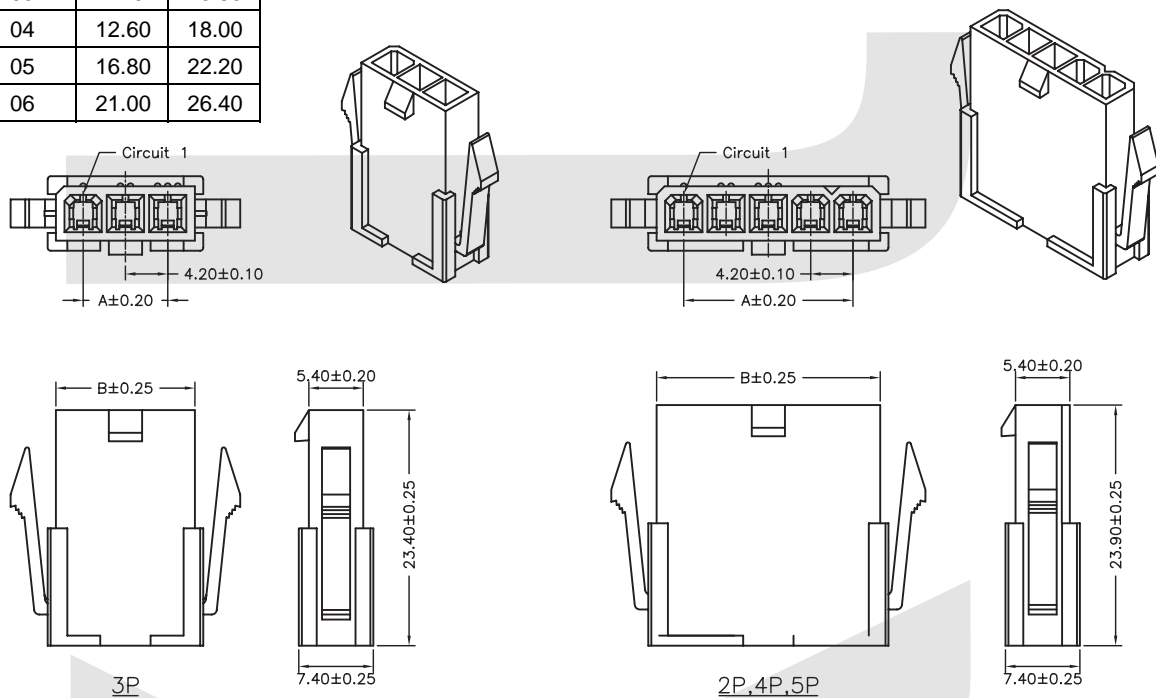
Current rating: 9A AC, DC  
Voltage rating: 600V AC, DC  
Temperature range: -45° C ~ +85° C  
Insulation resistance: 1000MΩ Min.  
Withstanding voltage: 1500V AC/ minute.  
Contact resistance: 20mΩ Max.  
Material: Nylon 66 UL 94V-2 or UL94V-0  
Circuits: 2~6



### Single layer Female Housing

PART NO.	Dimensions	
	A	B
02	4.20	9.60
03	7.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

mate with terminal p/n: KLS1-4.20-MT



## ORDER INFORMATION

Product NO.: KLS1-4.20 -1X05-FH

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

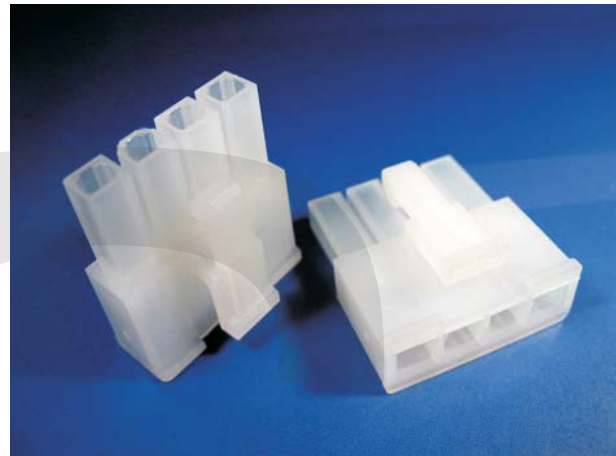
Type: MH=Male Housing FT=Female Terminal  
FH=Female Housing MT=Male Terminal  
S=Straight pin R=Right pin  
SW=Straight pin with Peg RW=Right pin with Peg  
SB=Straight pin Special Type RB=Right pin with Ears

## PCB Connector Series

KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

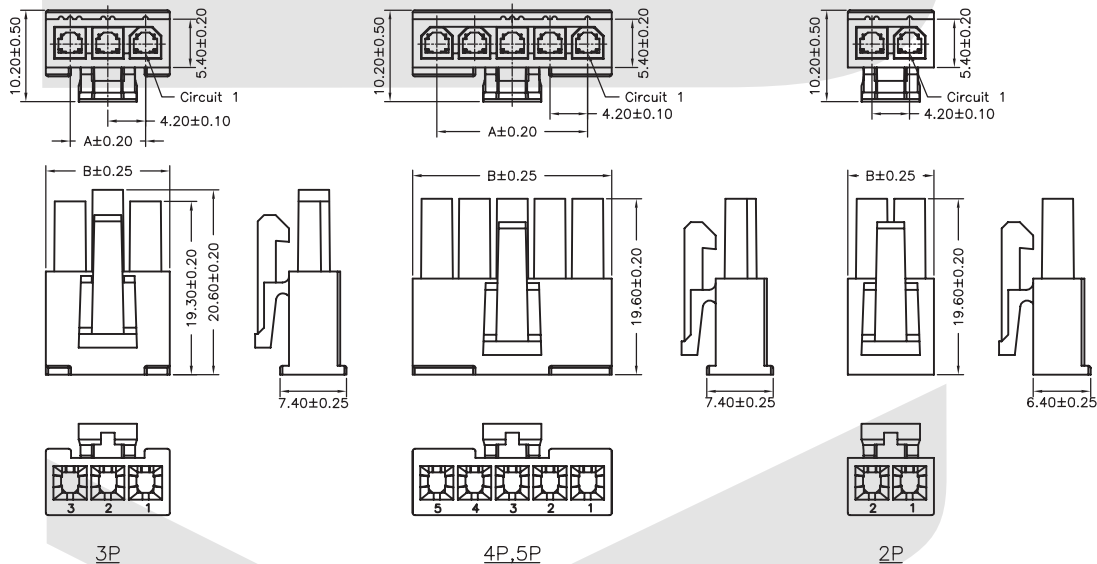
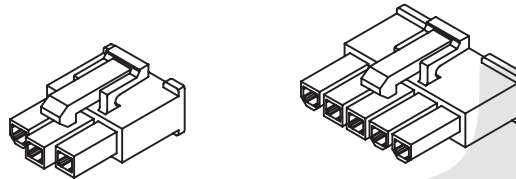
Current rating: 9A AC, DC  
Voltage rating: 600V AC, DC  
Temperature range: -45° C ~ +85° C  
Insulation resistance: 1000MΩ Min.  
Withstanding voltage: 1500V AC/ minute.  
Contact resistance: 20mΩ Max.  
Material: Nylon 66 UL 94V-2 or UL94V-0  
Circuits: 2~6



### Single layer Male Housing

PART NO.	Dimensions	
	A	B
02	4.20	9.60
03	7.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

mate with terminal p/n: KLS1-4.20-FT



## ORDER INFORMATION

Product NO.: KLS1-4.20 -1X05- MH

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

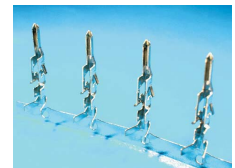
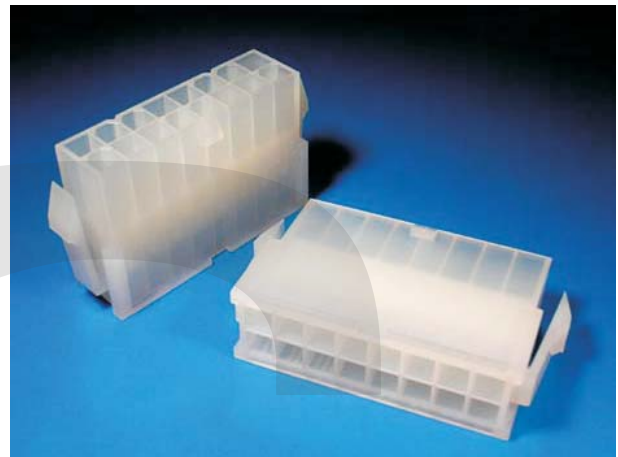
Type: MH=Male Housing      FT=Female Terminal  
FH=Female Housing      MT=Male Terminal  
S=Straight pin      R=Right pin  
SW=Straight pin with Peg      RW=Right pin with Peg  
SB=Straight pin Special Type      RB=Right pin with Ears

## PCB Connector Series

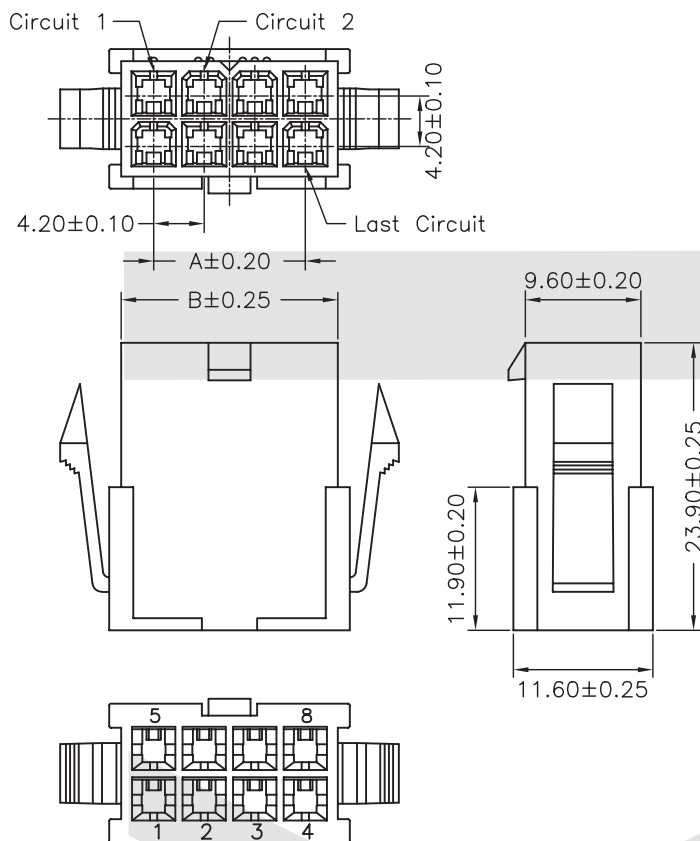
KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

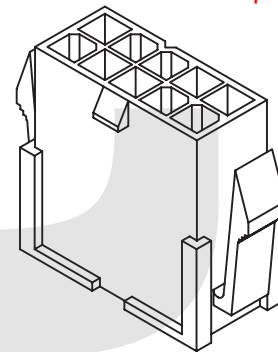
Current rating: 9A AC, DC  
Voltage rating: 600V AC, DC  
Temperature range: -45° C ~ +85° C  
Insulation resistance: 1000MΩ Min.  
Withstanding voltage: 1500V AC/ minute.  
Contact resistance: 20mΩ Max.  
Material: Nylon 66 UL 94V-2 or UL94V-0  
Circuits: 2~24



### Double layer Female Housing



mate with terminal p/n: KLS1-4.20-MT



PART NO.	Dimensions	
	A	B
2X01	---	5.40
2X02	4.20	9.60
2X03	8.40	13.80
2X04	12.60	18.00
2X05	16.80	22.20
2X06	21.00	26.40
2X07	25.20	30.60
2X08	29.40	34.80
2X09	33.60	39.00
2X10	37.80	43.20
2X11	42.00	47.40
2X12	46.20	51.60

## ORDER INFORMATION

Product NO.: KLS1-4.20 -2X05-FH

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

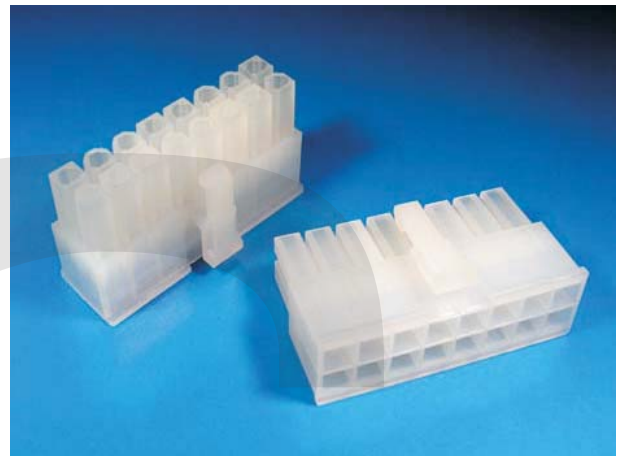
Type: MH=Male Housing FT=Female Terminal  
FH=Female Housing MT=Male Terminal  
S=Straight pin R=Right pin  
SW=Straight pin with Peg RW=Right pin with Peg  
SB=Straight pin Special Type RB=Right pin with Ears

## PCB Connector Series

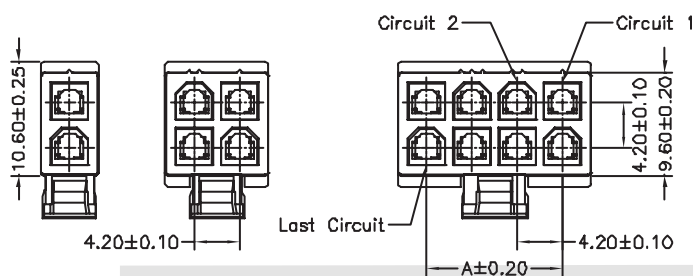
KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

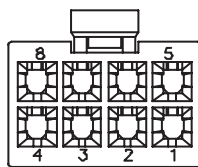
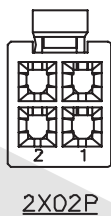
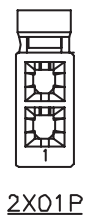
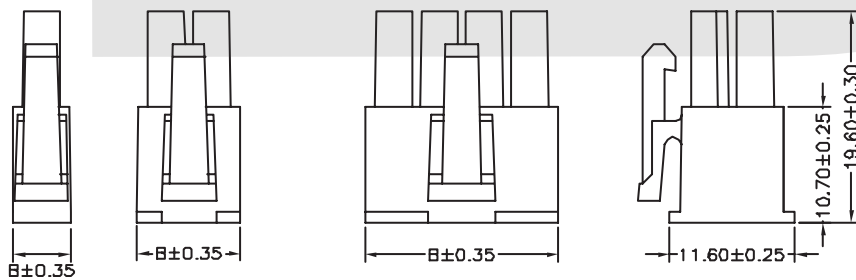
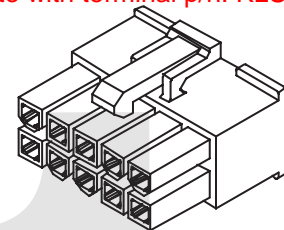
- Current rating: 9A AC, DC
- Voltage rating: 600V AC, DC
- Temperature range: -45° C ~ +85° C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 20mΩ Max.
- Material: Nylon 66 UL 94V-2 or UL94V-0
- Circuits: 2~24



### Double layer Male Housing



mate with terminal p/n: KLS1-4.20-FT



PART NO.	Dimensions	
	A	B
2X01	---	5.70
2X02	4.20	9.60
2X03	8.40	13.80
2X04	12.60	18.00
2X05	16.80	22.20
2X06	21.00	26.40
2X07	25.20	30.60
2X08	29.40	34.80
2X09	33.60	39.00
2X10	37.80	43.20
2X11	42.00	47.40
2X12	46.20	51.60

## ORDER INFORMATION

Product NO.: KLS1-4.20 -2X05- MH

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

Type: MH=Male Housing FT=Female Terminal  
FH=Female Housing MT=Male Terminal  
S=Straight pin R=Right pin  
SW=Straight pin with Peg RW=Right pin with Peg  
SB=Straight pin Special Type RB=Right pin with Ears



## PCB Connector Series

KLS1-4.20 Pitch=4.20mm TYPE

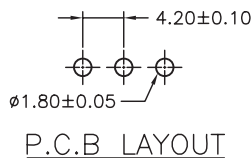
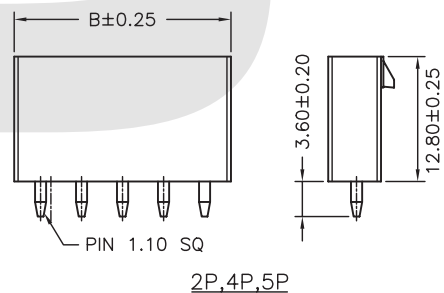
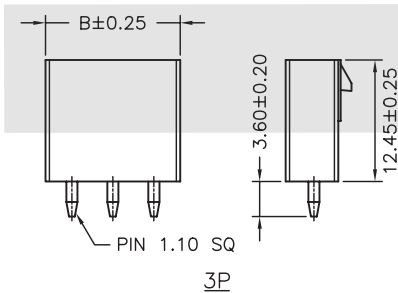
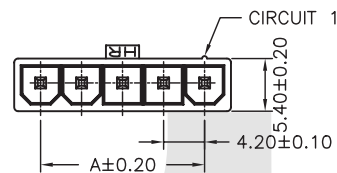
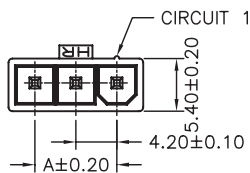
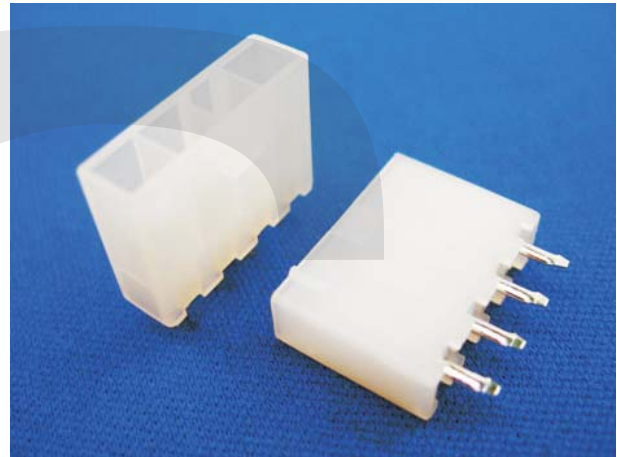
### SPECIFICATIONS

Current rating: 9A AC, DC  
Voltage rating:600V AC,DC  
Temperature range: -45° C ~ +85° C  
Insulation resistance: 1000MΩ Min.  
Withstanding voltage: 1500V AC/ minute.  
Contact resistance: 20mΩ Max.

#### Material:

Contact:Brass,Tin 50u" plating  
Housing: Nylon 66 UL 94V-2 or UL94V-0  
Circuits: 2~6

### Single layer Straight pin



PART NO.	Dimensions	
	A	B
02	4.20	9.60
03	7.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

## ORDER INFORMATION

Product NO.: KLS1-4.20 -1X05- S

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

Type:MH=Male Housing      FT=Female Terminal  
FH=Female Housing      MT=Male Terminal  
S=Straight pin              R=Right pin  
SW=Straight pin with Peg      RW=Right pin with Peg  
SB=Straight pin Special Type      RB=Right pin with Ears

## PCB Connector Series

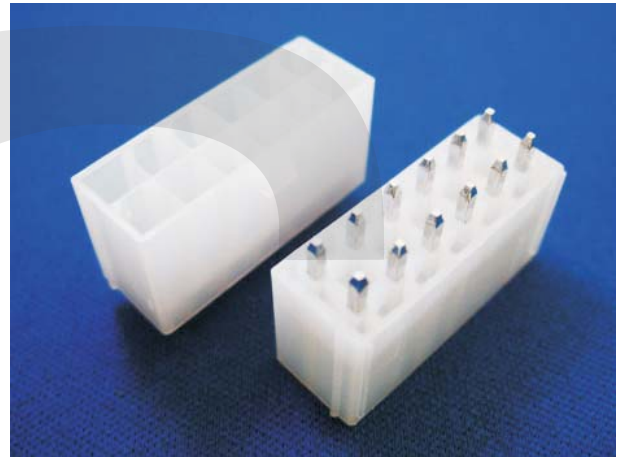
KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

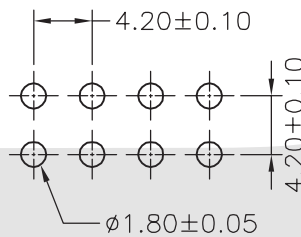
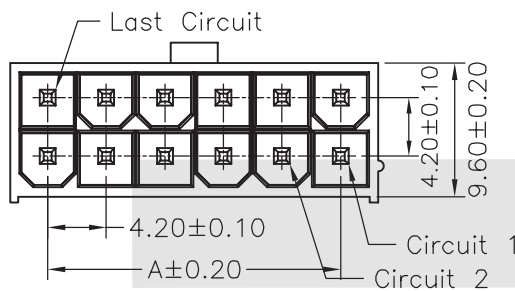
- Current rating: 9A AC, DC
- Voltage rating: 600V AC, DC
- Temperature range: -45° C ~ +85° C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 20mΩ Max.

### Material:

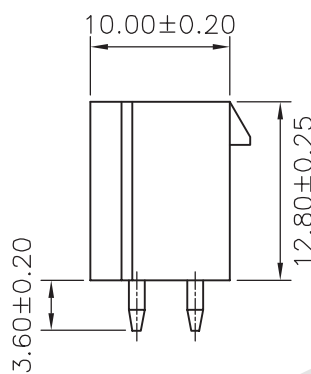
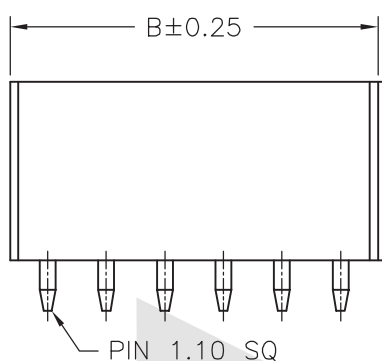
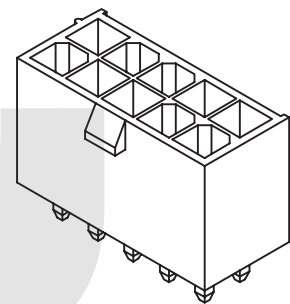
- Contact: Brass, Tin 50u" plating
- Housing: Nylon 66 UL 94V-2 or UL94V-0
- Circuits: 2~24



### Double layer Straight pin



P.C.B LAYOUT



PART NO.	Dimensions	
	A	B
2X01	---	5.40
2X02	4.20	9.60
2X03	8.40	13.80
2X04	12.60	18.00
2X05	16.80	22.20
2X06	21.00	26.40
2X07	25.20	30.60
2X08	29.40	34.80
2X09	33.60	39.00
2X10	37.80	43.20
2X11	42.00	47.40
2X12	46.20	51.60

## ORDER INFORMATION

Product NO.: KLS1-4.20 -2X05- S

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

Type: MH=Male Housing FT=Female Terminal  
FH=Female Housing MT=Male Terminal  
S=Straight pin R=Right pin  
SW=Straight pin with Peg RW=Right pin with Peg  
SB=Straight pin Special Type RB=Right pin with Ears



## PCB Connector Series

KLS1-4.20 Pitch=4.20mm TYPE

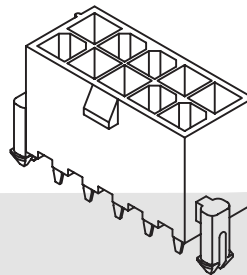
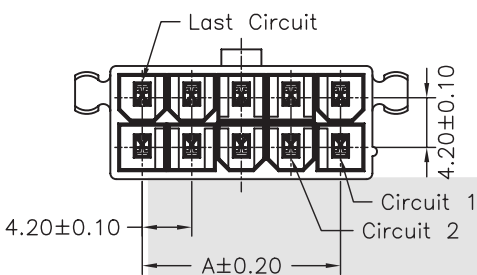
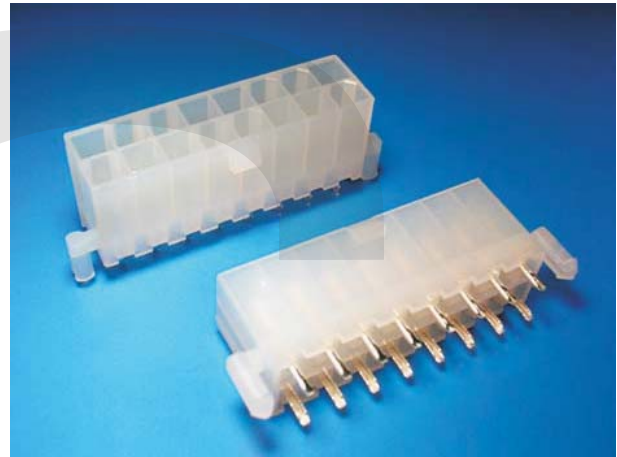
### SPECIFICATIONS

- Current rating: 9A AC, DC
- Voltage rating: 600V AC, DC
- Temperature range: -45° C ~ +85° C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 20mΩ Max.

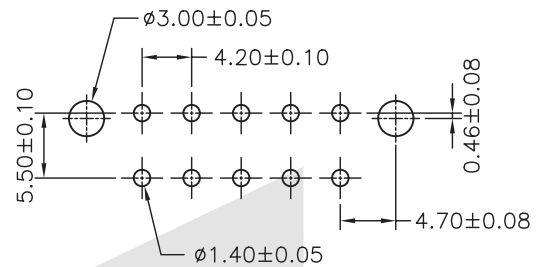
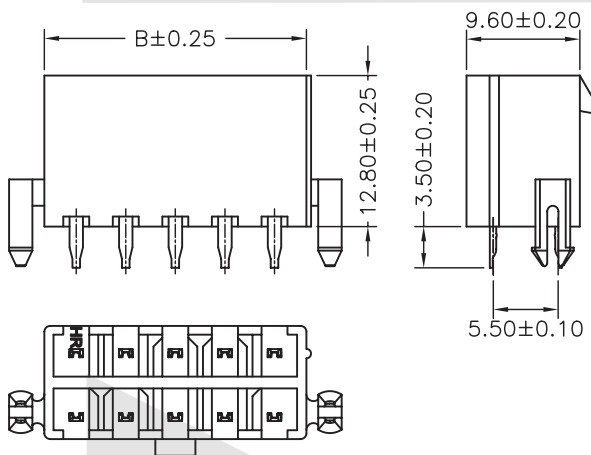
### Material:

- Contact: Brass, Tin 50u" plating
- Housing: Nylon 66 UL 94V-2 or UL94V-0
- Circuits: 2~24

### Double layer Straight pin With Peg



PART NO.	Dimensions	
	A	B
2X01	---	5.40
2X02	4.20	9.60
2X03	8.40	13.80
2X04	12.60	18.00
2X05	16.80	22.20
2X06	21.00	26.40
2X07	25.20	30.60
2X08	29.40	34.80
2X09	33.60	39.00
2X10	37.80	43.20
2X11	42.00	47.40
2X12	46.20	51.60



P.C.B LAYOUT

## ORDER INFORMATION

Product NO.: KLS1-4.20 -2X05-SW

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

Type: MH=Male Housing    FT=Female Terminal  
 FH=Female Housing    MT=Male Terminal  
 S=Straight pin    R=Right pin  
 SW=Straight pin with Peg    RW=Right pin with Peg  
 SB=Straight pin Special Type    RB=Right pin with Ears

## PCB Connector Series

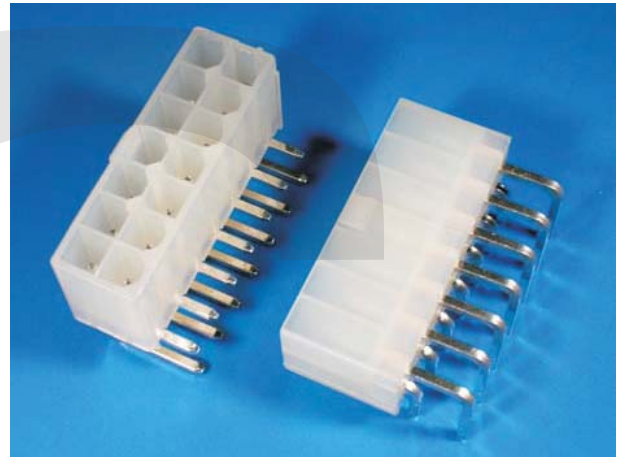
KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

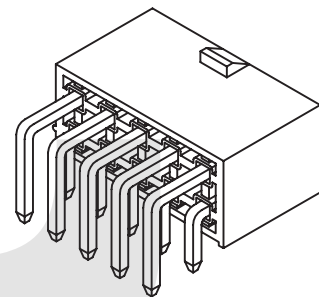
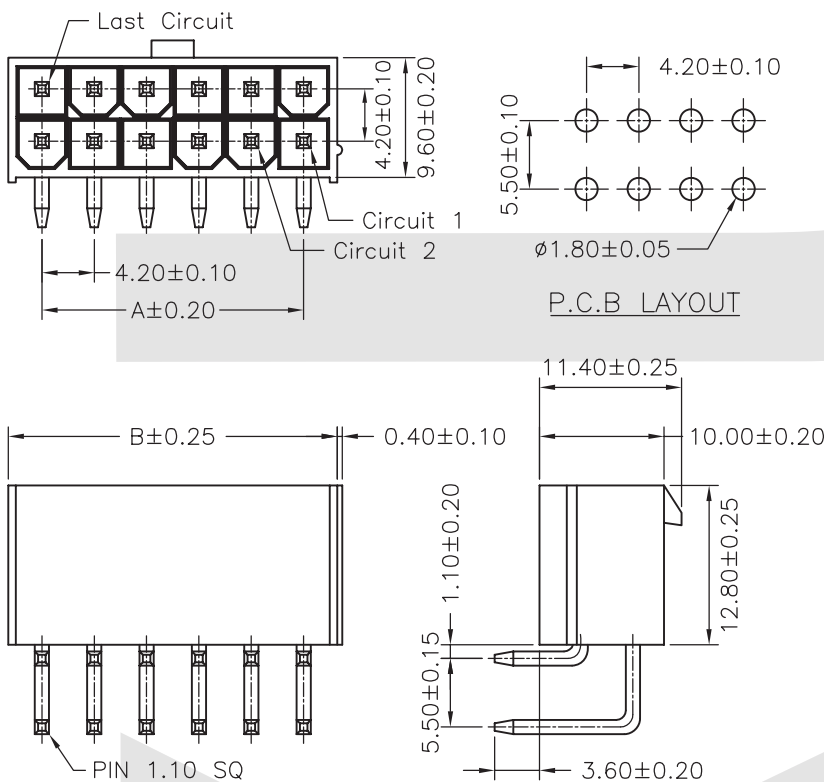
- Current rating: 9A AC, DC
- Voltage rating: 600V AC, DC
- Temperature range: -45° C ~ +85° C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 20mΩ Max.

### Material:

- Contact: Brass, Tin 50u" plating
- Housing: Nylon 66 UL 94V-2 or UL94V-0
- Circuits: 2~24



### Double layer Right pin



PART NO.	Dimensions	
	A	B
2X01	---	5.40
2X02	4.20	9.60
2X03	8.40	13.80
2X04	12.60	18.00
2X05	16.80	22.20
2X06	21.00	26.40
2X07	25.20	30.60
2X08	29.40	34.80
2X09	33.60	39.00
2X10	37.80	43.20
2X11	42.00	47.40
2X12	46.20	51.60

## ORDER INFORMATION

Product NO.: KLS1-4.20 -2X05- R

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

Type: MH=Male Housing      FT=Female Terminal  
 FH=Female Housing      MT=Male Terminal  
 S=Straight pin              R=Right pin  
 SW=Straight pin with Peg      RW=Right pin with Peg  
 SB=Straight pin Special Type      RB=Right pin with Ears



## PCB Connector Series

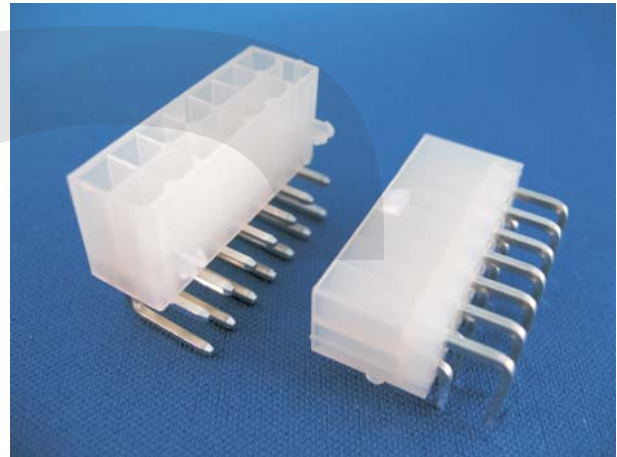
KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

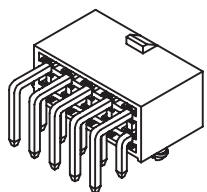
- Current rating: 9A AC, DC
- Voltage rating: 600V AC, DC
- Temperature range: -45° C ~ +85° C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 20mΩ Max.

### Material:

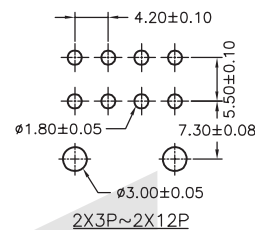
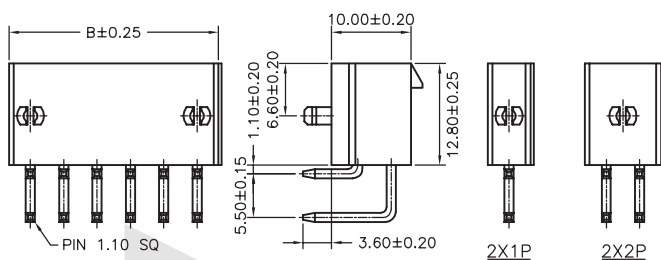
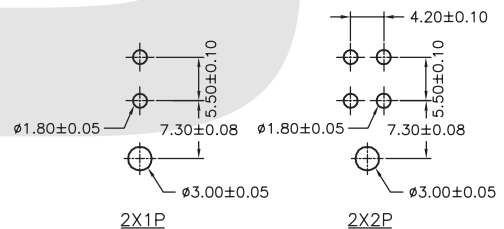
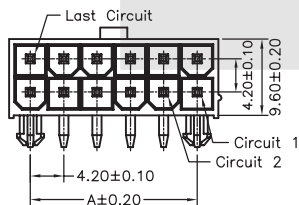
- Contact: Brass, Tin 50u" plating
- Housing: Nylon 66 UL 94V-2 or UL94V-0
- Circuits: 2~24



### Double layer Right pin With Peg



PART NO.	Dimensions	
	A	B
2X01	---	5.40
2X02	4.20	9.60
2X03	8.40	13.80
2X04	12.60	18.00
2X05	16.80	22.20
2X06	21.00	26.40
2X07	25.20	30.60
2X08	29.40	34.80
2X09	33.60	39.00
2X10	37.80	43.20
2X11	42.00	47.40
2X12	46.20	51.60



P.C.B. LAYOUT

2X3P~2X12P

## ORDER INFORMATION

Product NO.: KLS1-4.20 -2X05-RW

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

Type: MH=Male Housing    FT=Female Terminal  
 FH=Female Housing    MT=Male Terminal  
 S=Straight pin    R=Right pin  
 SW=Straight pin with Peg    RW=Right pin with Peg  
 SB=Straight pin Special Type    RB=Right pin with Ears

## PCB Connector Series

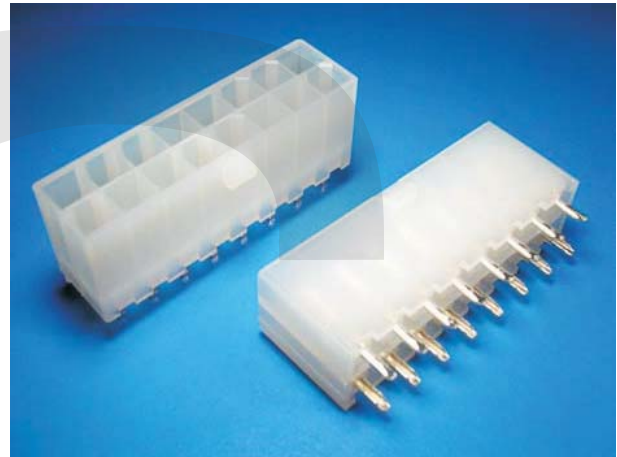
KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

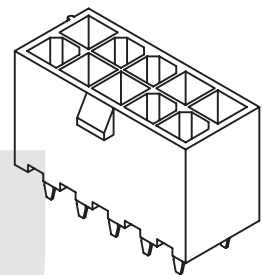
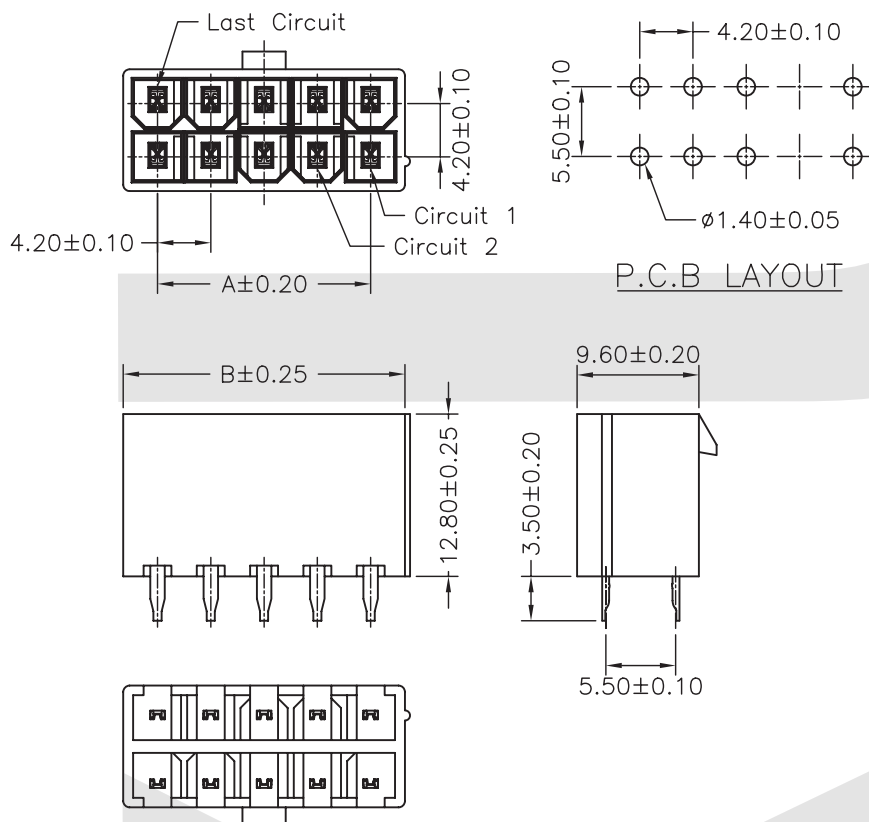
- Current rating: 9A AC, DC
- Voltage rating: 600V AC, DC
- Temperature range: -45° C ~ +85° C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 20mΩ Max.

### Material:

- Contact: Brass, Tin 50u" plating
- Housing: Nylon 66 UL 94V-2 or UL94V-0
- Circuits: 2~24



### Double layer Straight pin



PART NO.	Dimensions	
	A	B
2X01	---	5.40
2X02	4.20	9.60
2X03	8.40	13.80
2X04	12.60	18.00
2X05	16.80	22.20
2X06	21.00	26.40
2X07	25.20	30.60
2X08	29.40	34.80
2X09	33.60	39.00
2X10	37.80	43.20
2X11	42.00	47.40
2X12	46.20	51.60

## ORDER INFORMATION

Product NO.: KLS1-4.20 -2X05-SB

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

Type: MH=Male Housing    FT=Female Terminal  
 FH=Female Housing    MT=Male Terminal  
 S=Straight pin    R=Right pin  
 SW=Straight pin with Peg    RW=Right pin with Peg  
 SB=Straight pin Special Type    RB=Right pin with Ears

**PCB Connector Series**

KLS1-4.20 Pitch=4.20mm TYPE

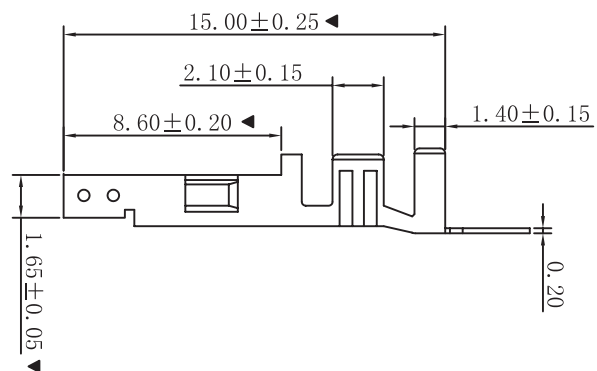
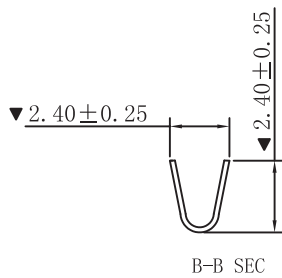
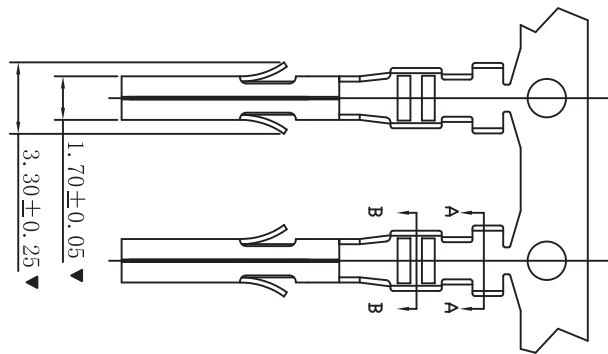
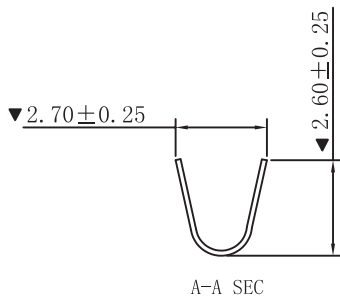
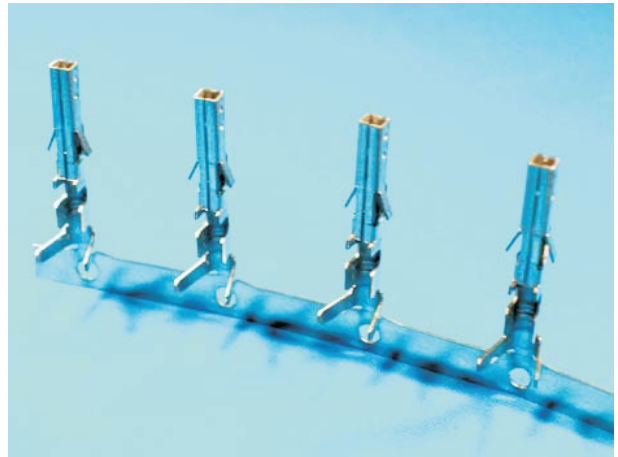
**SPECIFICATIONS**

Current rating: 9A AC, DC  
Voltage rating: 600V AC,DC  
Temperature range: -45° C ~ +85° C  
Insulation resistance: 1000MΩ Min.  
Withstanding voltage: 1500V AC/ minute.  
Contact resistance: 20mΩ Max.

**Material:**

Contact: Brass, Tin 50u" plating  
Wire range : AWG#18~#22

Fem ale Terminal



**ORDER INFORMATION**

Product NO.: KLS1-4.20 -FT

Pitch: 4.20=4.20mm

- Type: MH=Male Housing      FT=Female Terminal
- FH=Female Housing      MT=Male Terminal
- S=Straight pin      R=Right pin
- SW=Straight pin with Peg      RW=Right pin with Peg
- SB=Straight pin Special Type      RB=Right pin with Ears

**PCB Connector Series**

KLS1-4.20 Pitch=4.20mm TYPE

**Electrical Specification:  
SPECIFICATIONS**

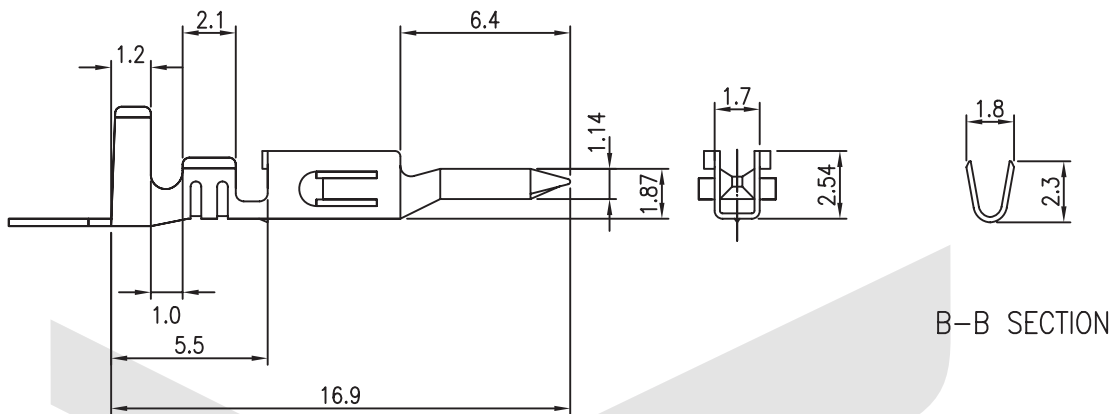
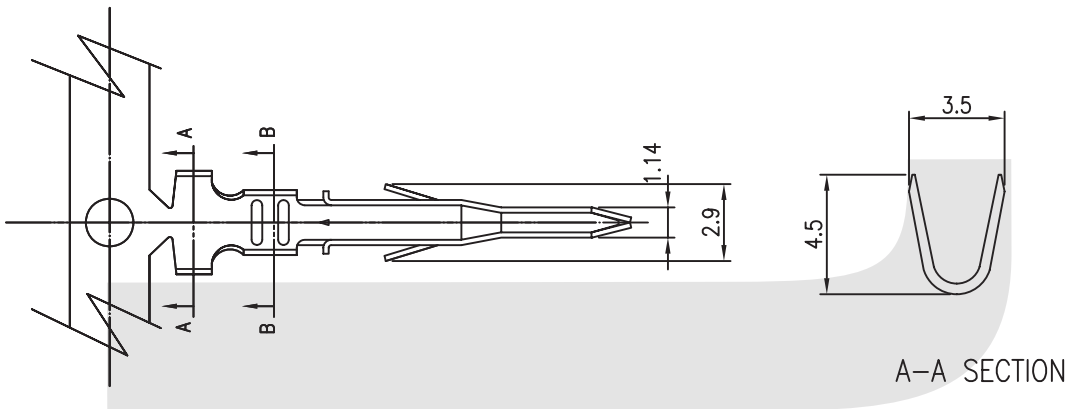
Current rating: 9A AC, DC  
Voltage rating: 600V AC, DC  
Temperature range: -45° C ~ +85° C  
Insulation resistance: 1000MΩ Min.  
Withstanding voltage: 1500V AC/ minute.  
Contact resistance: 20mΩ Max.

**Material:**

Contact: Brass, Tin 50u" plating  
Wire range : AWG#18~#22



**Male Terminal**



**ORDER INFORMATION**

Product NO.: KLS1-4.20 -MT

Pitch: 4.20=4.20mm

- Type: MH=Male Housing      FT=Female Terminal
- FH=Female Housing    MT=Male Terminal
- S=Straight pin         R=Right pin
- SW=Straight pin with Peg    RW=Right pin with Peg
- SB=Straight pin Special Type    RB=Right pin with Ears

## PCB Connector Series

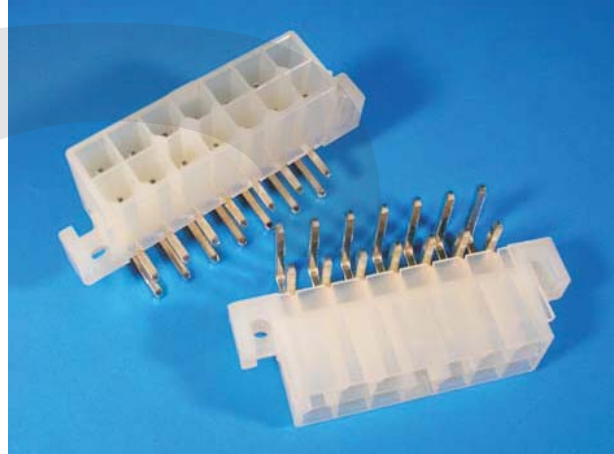
KLS1-4.20 Pitch=4.20mm TYPE

### SPECIFICATIONS

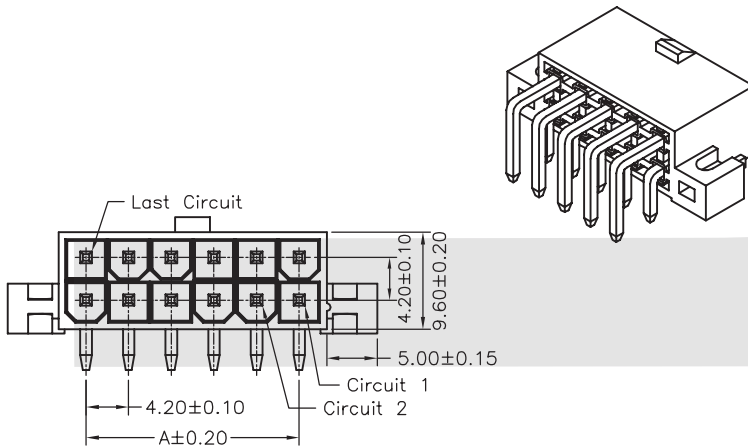
- Current rating: 9A AC, DC
- Voltage rating: 600V AC, DC
- Temperature range: -45° C ~ +85° C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 20mΩ Max.

### Material:

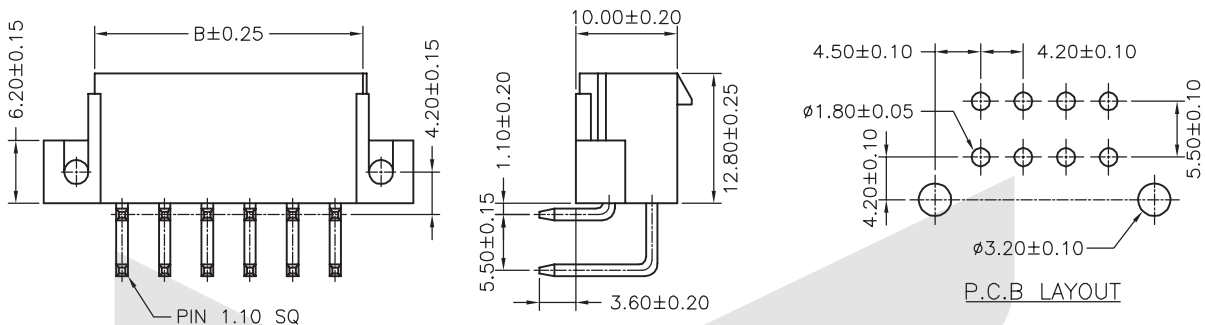
- Contact: Brass, Tin 50u" plating
- Housing: Nylon 66 UL 94V-2 or UL94V-0
- Circuits: 2~24



### Double layer Right pin With Peg



PART NO.	Dimensions	
	A	B
2X01	---	5.40
2X02	4.20	9.60
2X03	8.40	13.80
2X04	12.60	18.00
2X05	16.80	22.20
2X06	21.00	26.40
2X07	25.20	30.60
2X08	29.40	34.80
2X09	33.60	39.00
2X10	37.80	43.20
2X11	42.00	47.40
2X12	46.20	51.60



## ORDER INFORMATION

Product NO.: KLS1-4.20 -2X05-RB

Pitch: 4.20=4.20mm  
Pins: 1-Single layer  
Pin Number: 2~12Pin

2-Double layer

Type: MH=Male Housing    FT=Female Terminal  
 FH=Female Housing    MT=Male Terminal  
 S=Straight pin    R=Right pin  
 SW=Straight pin with Peg    RW=Right pin with Peg  
 SB=Straight pin Special Type    RB=Right pin with Ears

**PCB Connector Series**

KLS1-4.20-1XN-SW

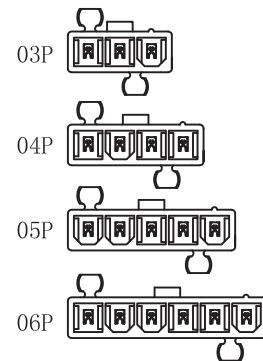
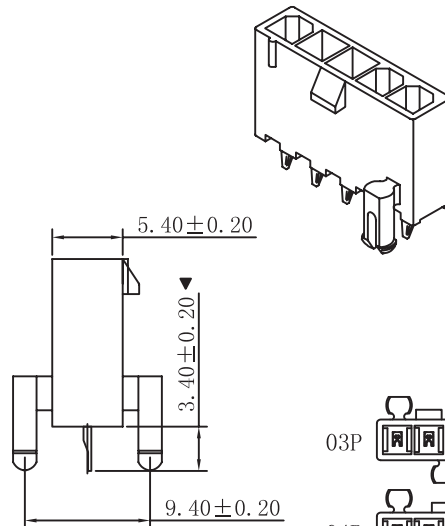
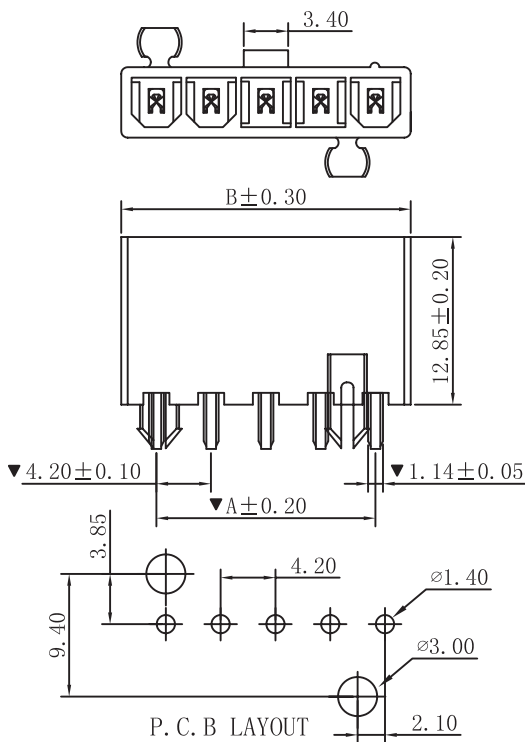
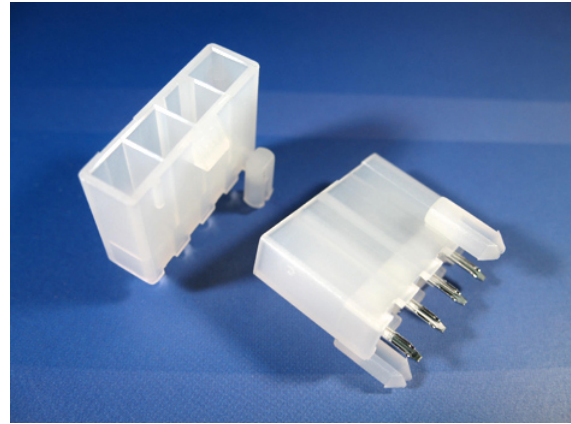
Pitch=4.20mm Type

**SPECIFICATIONS**

Current rating: 9A AC, DC  
Voltage rating:600V AC,DC  
Temperature range: -45° C ~ +85° C  
Insulation resistance: 1000MΩ Min.  
Withstanding voltage: 1500V AC/ minute.  
Contact resistance: 20mΩ Max.

**Material:**

Contact:Brass,Tin 50u" plating  
Housing: Nylon 66 UL 94V-2 or UL94V-0  
Circuits: 03~06



PART NO.	Dimensions (mm)	
	A	B
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

CIRCUIT SIZE LAYOUT

**ORDER INFORMATION**

Product NO. : KLS1-4.20-1XN-SW

Pitch:4.20mm