

**Specifications:**

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute

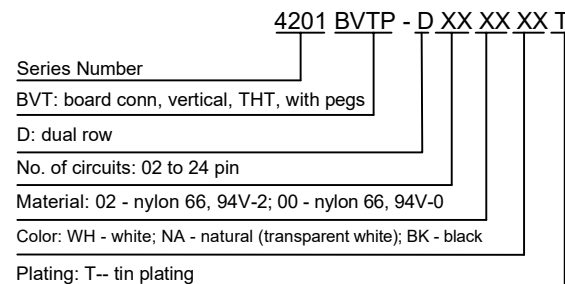
**Material:**

Housing: nylon 66, UL94V-0/2, white / transparent white / black  
 PIN: brass

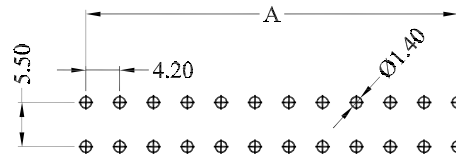
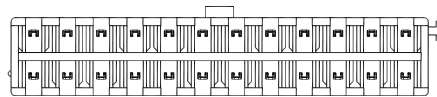
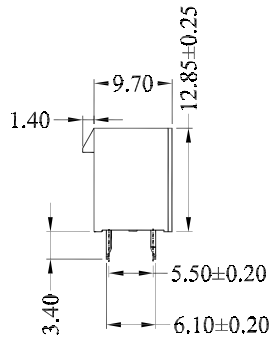
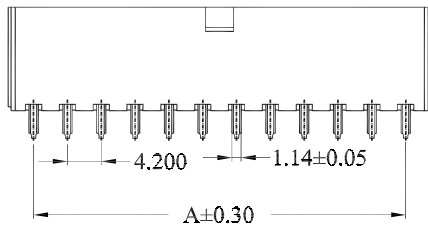
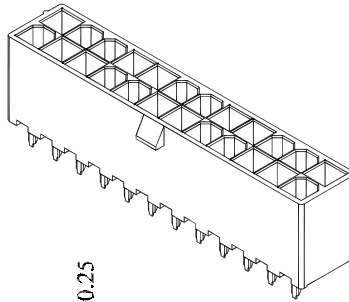
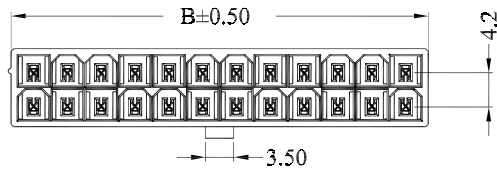
**Mates with:** 4201WF-D (wire connector, female, dual row)

Circuits	Dimensions (mm)	
	A	B
2	-	5.60
4	4.20	9.80
6	8.40	14.00
8	12.60	18.20
10	16.80	22.40
12	21.00	26.60
14	25.20	30.80
16	29.40	35.00
18	33.60	39.20
20	37.80	43.40
22	42.00	47.60
24	46.20	51.80

**Part Number Information:**



							General Tolerance	Zeakka Electronics				Document No.:	ZK-4201BVTP-D		
							.X ±0.3								
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version	
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A	
							THIRD ANGLE PROJECTION								



P.C.B LAYOUT

**Specifications:**

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute

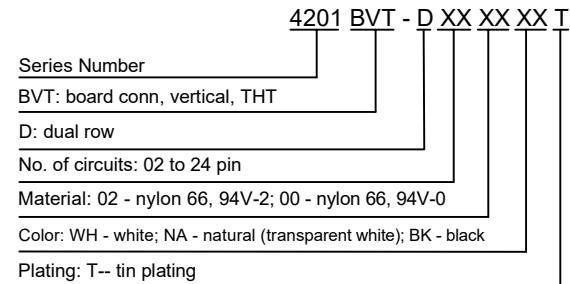
Circuits	Dimensions (mm)	
	A	B
2	-	5.60
4	4.20	9.80
6	8.40	14.00
8	12.60	18.20
10	16.80	22.40
12	21.00	26.60
14	25.20	30.80
16	29.40	35.00
18	33.60	39.20
20	37.80	43.40
22	42.00	47.60
24	46.20	51.80

**Material:**

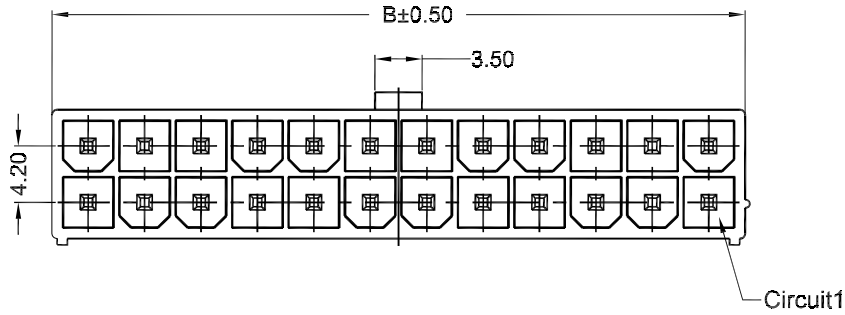
Housing: nylon 66, UL94V-0/2, white / transparent white / black  
 PIN: brass

**Mates with:** 4201WF-D (wire connector, female, dual row)

**Part Number Information:**



							General Tolerance	Zeakka Electronics				Document No.: ZK-4201BVT-D		
							.X ±0.3					Title: HEADER, VERTICAL, THT TYPE, DUAL ROW, 4.2MM PITCH, TIN		
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
							THIRD ANGLE PROJECTION							



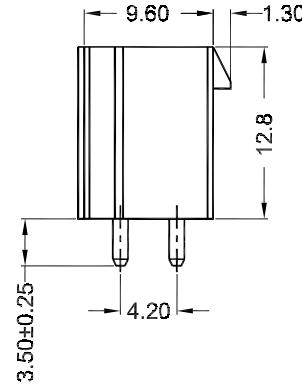
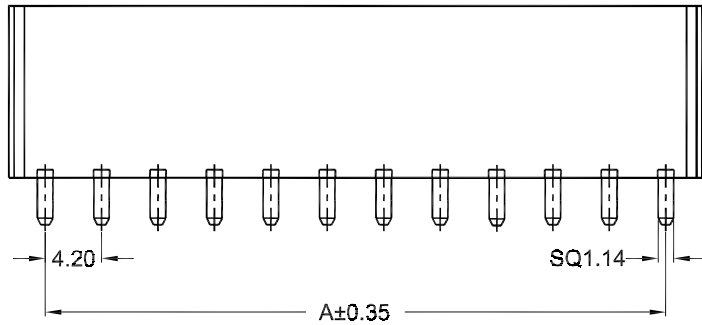
**Specifications:**

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute

Circuits	Dimensions (mm)	
	A	B
2	-	5.40
4	4.20	9.60
6	8.40	13.80
8	12.60	18.00
10	16.80	22.20
12	21.00	26.40
14	25.20	30.60
16	29.40	34.80
18	33.60	39.00
20	37.80	43.20
22	42.00	47.40
24	46.20	51.60

**Material:**

Housing: nylon 66, UL94V-0/2, white / transparent white / black  
 PIN: brass

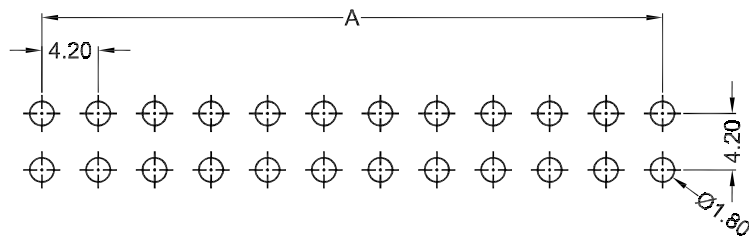


**Mates with:** 4201WF-D (wire connector, female, dual row)

**Part Number Information:**

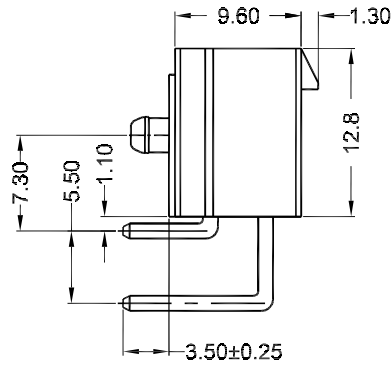
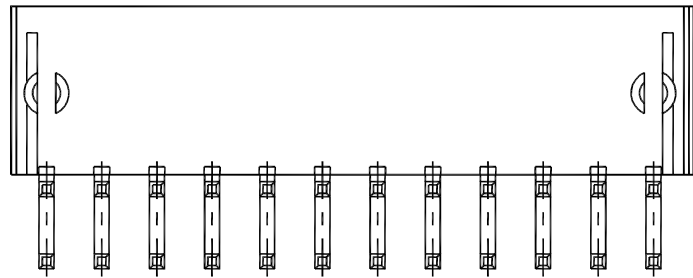
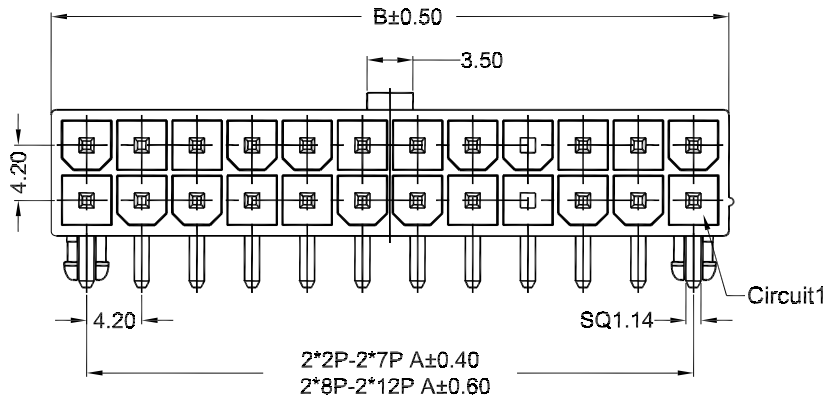
4201 BVT - D XX XX XX T S

Series Number  
 BVT: Board connector, vertical, THT type  
 D: dual row  
 No. of circuits: 02 to 24 pin  
 Material: 02 - nylon 66, 94V-2; 00 - nylon 66, 94V-0  
 Color: WH - white; NA - natural (transparent white); BK - black  
 Plating: T-- tin plating  
 S: square contact pin



**P.C.B LAYOUT**

							General Tolerance	<b>Zeakka Electronics</b>				Document No.: ZK-4201BVT-DXXXXXXT:		
							.X ±0.3					Title: HEADER, VERTICAL, THT TYPE, DUAL ROW, 4.2MM PITCH, TIN		
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
							.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION							
							☉ ☐							



P.C.B LAYOUT

**Specifications:**

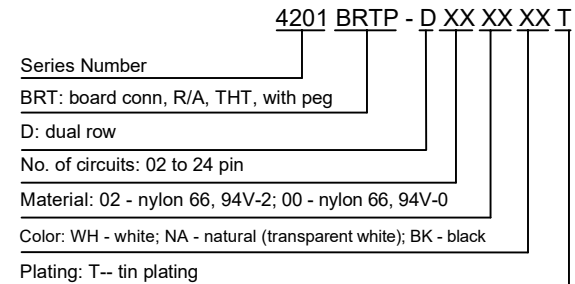
Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute

**Material:**

Housing: nylon 66, UL94V-0/2, white / transparent white / black  
 PIN: brass

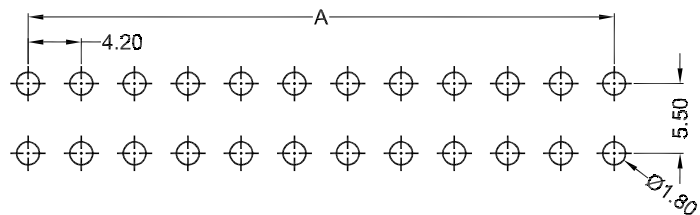
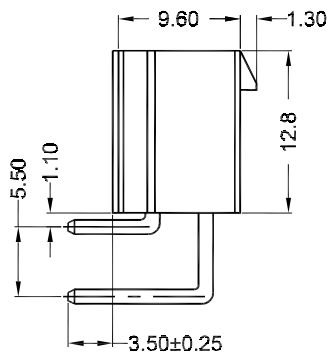
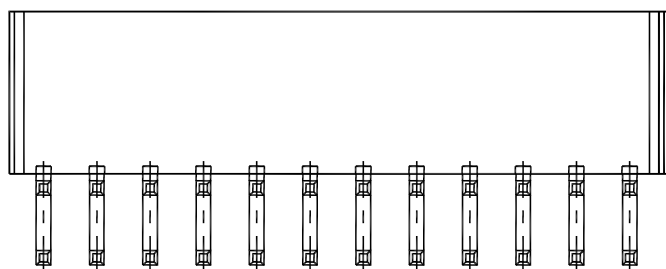
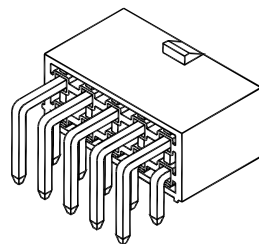
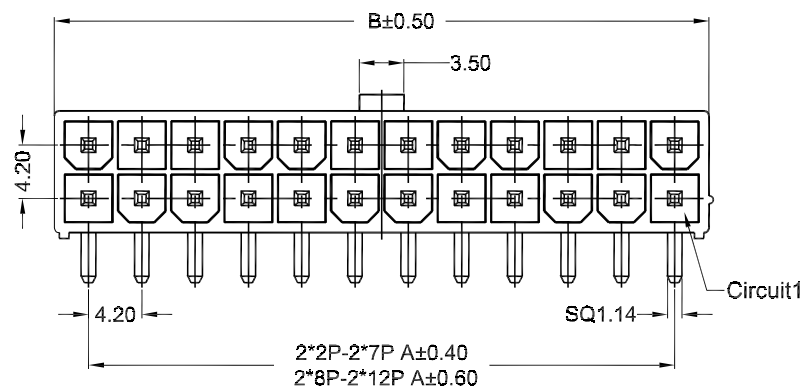
Mates with: 4201WF-D (wire connector, female, dual row)

**Part Number Information:**



Circuits	Dimensions (mm)	
	A	B
2	-	5.40
4	4.20	9.60
6	8.40	13.80
8	12.60	18.00
10	16.80	22.20
12	21.00	26.40
14	25.20	30.60
16	29.40	34.80
18	33.60	39.00
20	37.80	43.20
22	42.00	47.40
24	46.20	51.60

							General Tolerance	Zeakka Electronics				Document No.: ZK-4201BRTP-D		
							.X ±0.3					Title: HEADER, R/A, THT TYPE, DUAL ROW, 4.2MM PITCH, TIN		
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
							THIRD ANGLE PROJECTION							



P.C.B LAYOUT

**Specifications:**

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute

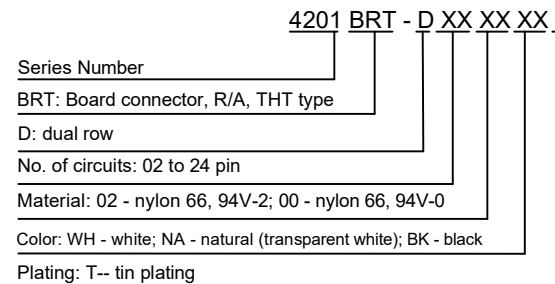
Circuits	Dimensions (mm)	
	A	B
2	-	5.40
4	4.20	9.60
6	8.40	13.80
8	12.60	18.00
10	16.80	22.20
12	21.00	26.40
14	25.20	30.60
16	29.40	34.80
18	33.60	39.00
20	37.80	43.20
22	42.00	47.40
24	46.20	51.60

**Material:**

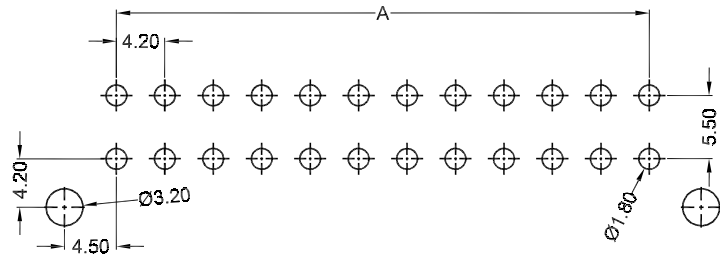
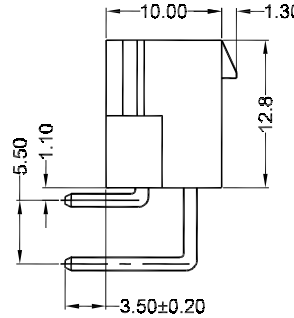
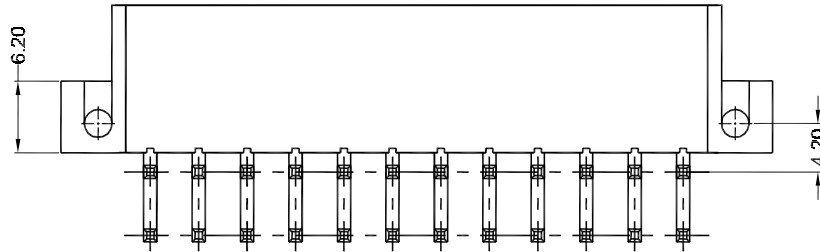
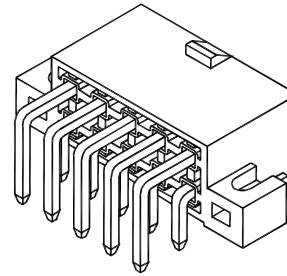
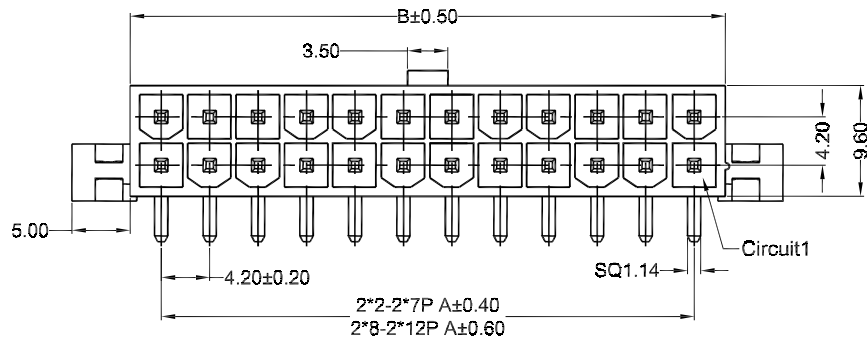
Housing: nylon 66, UL94V-0/2, white / transparent white / black  
 PIN: brass

Mates with: 4201WF-D (wire connector, female, dual row)

**Part Number Information:**



							General Tolerance	Zeakka Electronics				Document No.: ZK-4201BRT-D		
							.X ±0.3					Title: HEADER, R/A, THT TYPE, DUAL ROW, 4.2MM PITCH, TIN		
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
							THIRD ANGLE PROJECTION							



P.C.B LAYOUT

Specifications:

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute

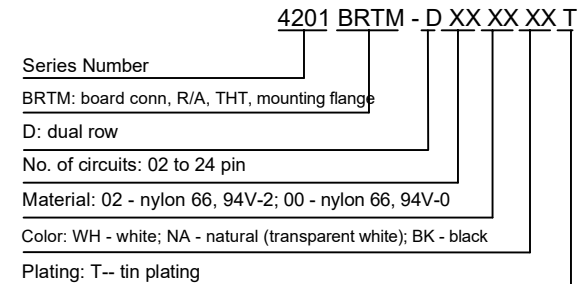
Circuits	Dimensions (mm)	
	A	B
2	-	5.40
4	4.20	9.60
6	8.40	13.80
8	12.60	18.00
10	16.80	22.20
12	21.00	26.40
14	25.20	30.60
16	29.40	34.80
18	33.60	39.00
20	37.80	43.20
22	42.00	47.40
24	46.20	51.60

Material:

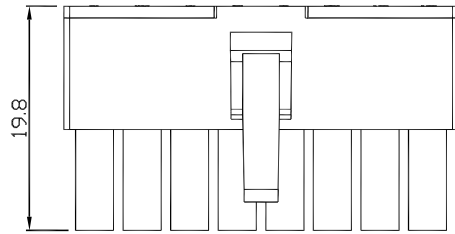
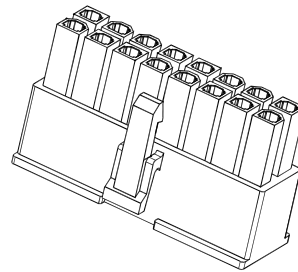
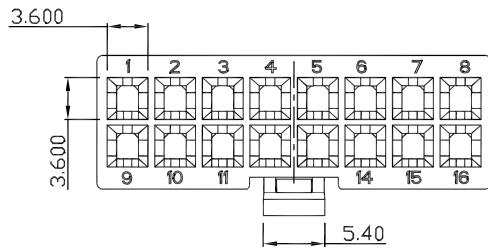
Housing: nylon 66, UL94V-0/2, white / transparent white / black  
 PIN: brass

Mates with: 4201WF-D (wire connector, female, dual row)

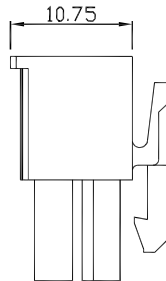
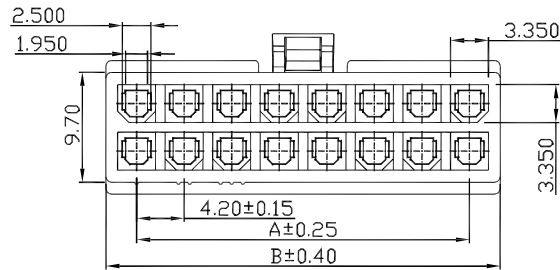
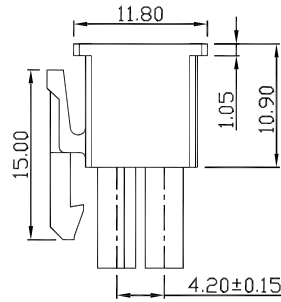
Part Number Information:



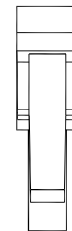
							General Tolerance	Zeakka Electronics				Document No.: ZK-4201BRTM-D		
							.X ±0.3					Title: HEADER, R/A, THT TYPE, DUAL ROW, 4.2MM PITCH, TIN		
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
							THIRD ANGLE PROJECTION							



2X2-2X14P



2X1P



2X1P

**Specifications:**

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute

Circuits	Dimensions (mm)	
	A	B
2	-	5.70
4	4.20	9.90
6	8.40	13.80
8	12.60	18.00
10	16.80	22.20
12	21.00	26.40
14	25.20	30.60
16	29.40	34.80
18	33.60	39.00
20	37.80	43.20
22	42.00	47.40
24	46.20	51.60

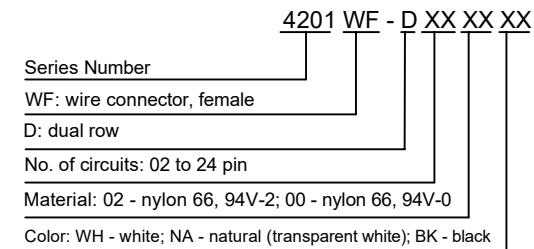
**Material:**

Housing: nylon 66, UL94V-0/2, white / transparent white / black

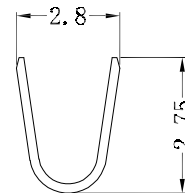
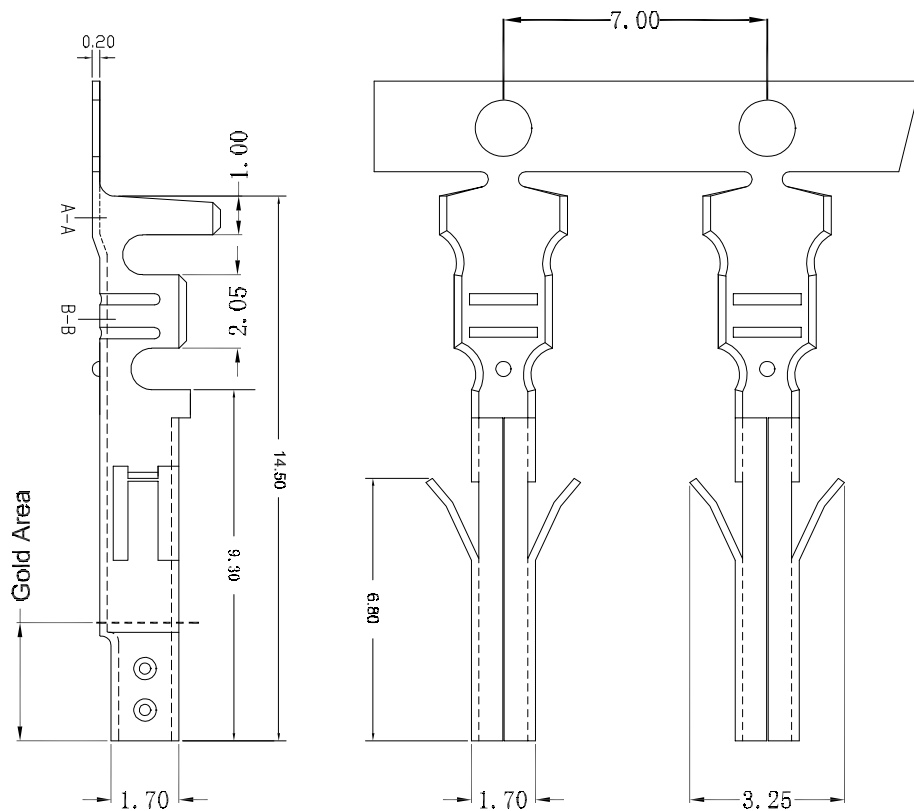
**Used with:**

4201TF-XX (female terminal)  
 4201TFH-XX (female terminal, high crimp height)

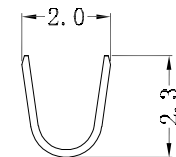
**Part Number Information:**



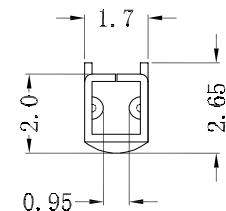
							General Tolerance	Zeakka Electronics				Document No.: ZK-4201WF-D		
							.X ±0.3					Title: HOUSING, FEMALE, CRIMP TYPE, DUAL ROW, 4.2MM PITCH		
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A



A-A



B-B



**Specifications:**

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute  
 Applicable wire: AWG22 - AWG18  
 Insulation OD: max 3.0mm  
 Package: reel

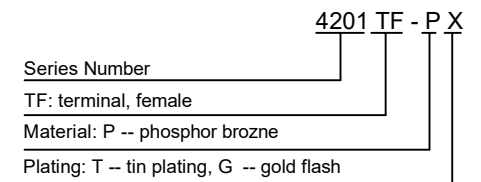
**Material:**

Phosphor bronze

**Used with:**

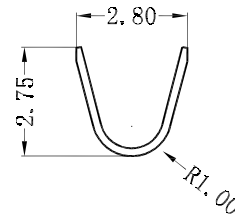
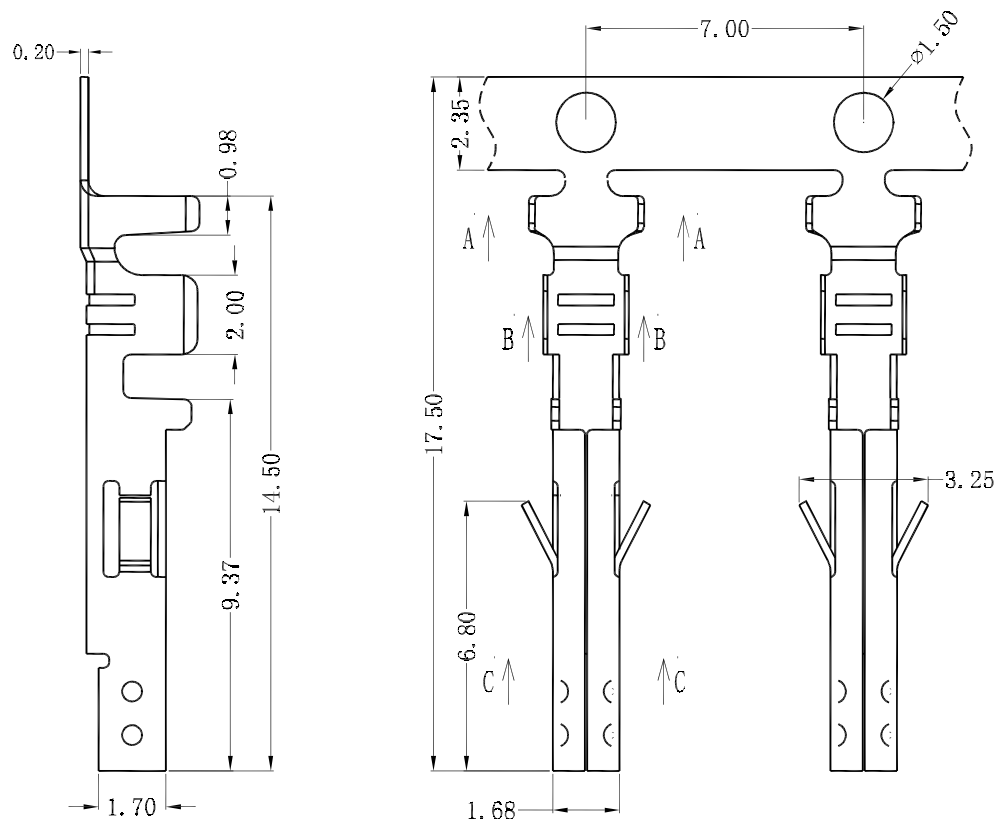
4201WF-S (wire connector, female, single row)  
 4201WF-D (wire connector, female, dual row)

**Part Number Information:**

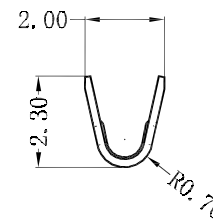


							General Tolerance	<b>Zeakka Electronics</b>				Document No.: ZK-4201TF-PX						
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, PHOSPHOR BRONZE, REEL						
							.XX ±0.2					APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
							.XXX ±0.1					Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION											

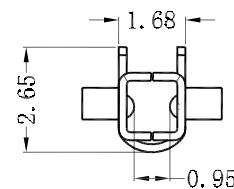




Section A-A



Section B-B



Section C-C

### Specifications:

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute  
 Applicable wire: AWG22 - AWG18  
 Insulation OD: max 3.0mm  
 Package: reel

### Material:

Brass

### Used with:

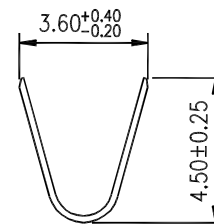
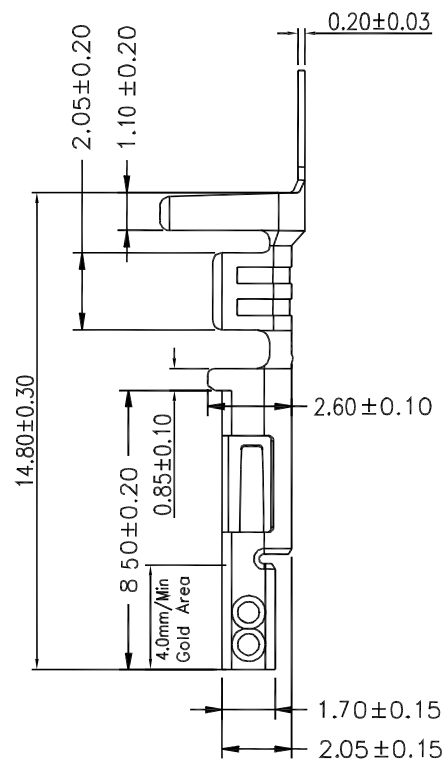
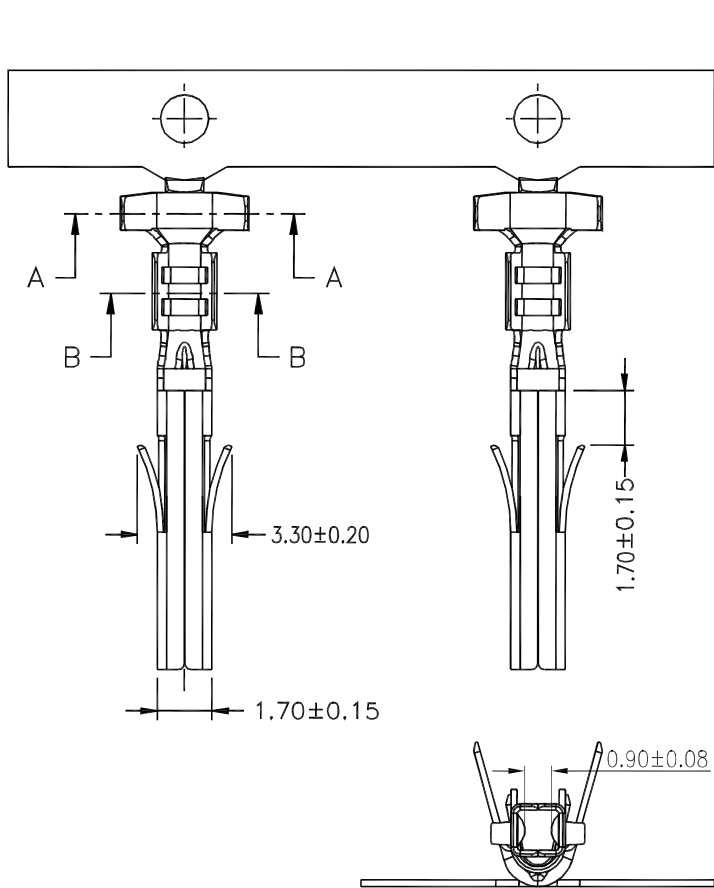
4201WF-S (wire connector, female, single row)  
 4201WF-D (wire connector, female, dual row)

### Part Number Information:

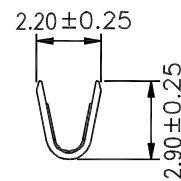
**4201 TF - B X**

Series Number \_\_\_\_\_  
 TF: terminal, female \_\_\_\_\_  
 Material: B -- brass \_\_\_\_\_  
 Plating: T -- tin plating; G -- gold flash \_\_\_\_\_

							General Tolerance	<h1>Zeakka Electronics</h1>				Document No.: ZK-4201TF-BX						
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, BRASS, REEL						
							.XX ±0.2					APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
							.XXX ±0.1					Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION											



SEC:A-A



SEC:B-B

**Specifications:**

- Current Rating: 9.0A AC/DC
- Voltage rating: 600V AC/DC
- Temperature range: -40°C to +105°C
- Contact resistance: 10mΩ max.
- Insulation resistance: 1000MΩ min.
- Withstand voltage: 1500V AC/minute
- Applicable wire: AWG22 - AWG16
- Package: reel

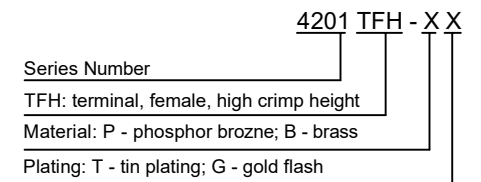
**Material:**

Phosphor bronze / Brass

**Used with:**

- 4201WF-S (wire connector, female, single row)
- 4201WF-D (wire connector, female, dual row)

**Part Number Information:**



							General Tolerance	<b>Zeakka Electronics</b>				Document No.: ZK-4201TFH						
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, PHOSPHOR BRONZE / BRASS, REEL						
							.XX ±0.2					APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
							.XXX ±0.1					Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION											

Circuits	Dimensions (mm)	
	A	B
2	-	5.60
4	4.20	9.80
6	8.40	14.00
8	12.60	18.20
10	16.80	22.40
12	21.00	26.60
14	25.20	30.80
16	29.40	35.00
18	33.60	39.20
20	37.80	43.40
22	42.00	47.60
24	46.20	51.80

### Specifications:

Current Rating: 9.0A AC/DC  
Voltage rating: 600V AC/DC  
Temperature range: -40°C to +105°C  
Contact resistance: 10mΩ max.  
Insulation resistance: 1000MΩ min.  
Withstand voltage: 1500V AC/minute

### Material:

Housing: nylon 66, UL94V-0/2, white / transparent white / black

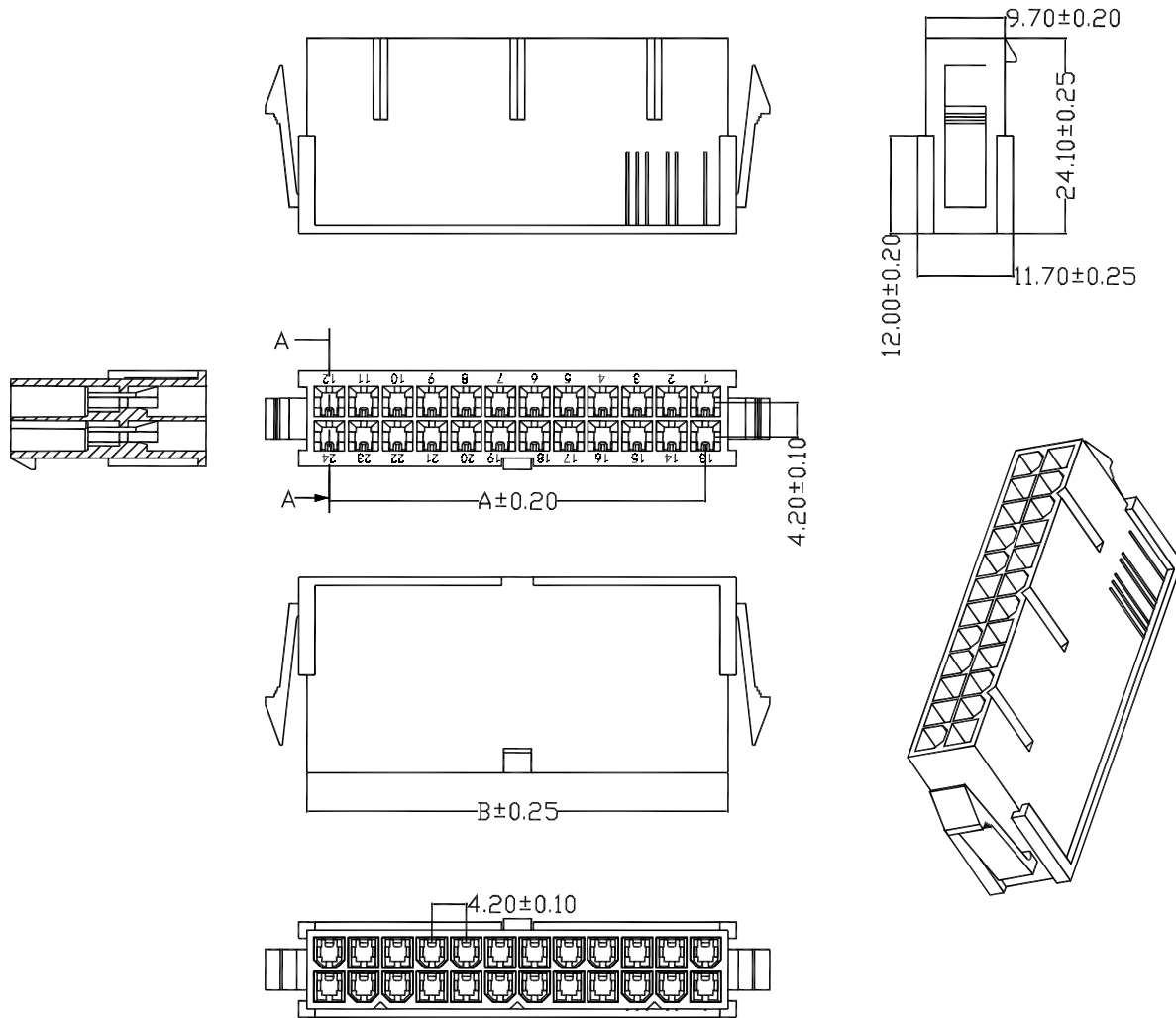
Used with: 4201TM-XX (male terminal)  
4201TMH-XX (male terminal, high crimp height)

Mates with: 4201WF-D (wire connector, female, dual row)

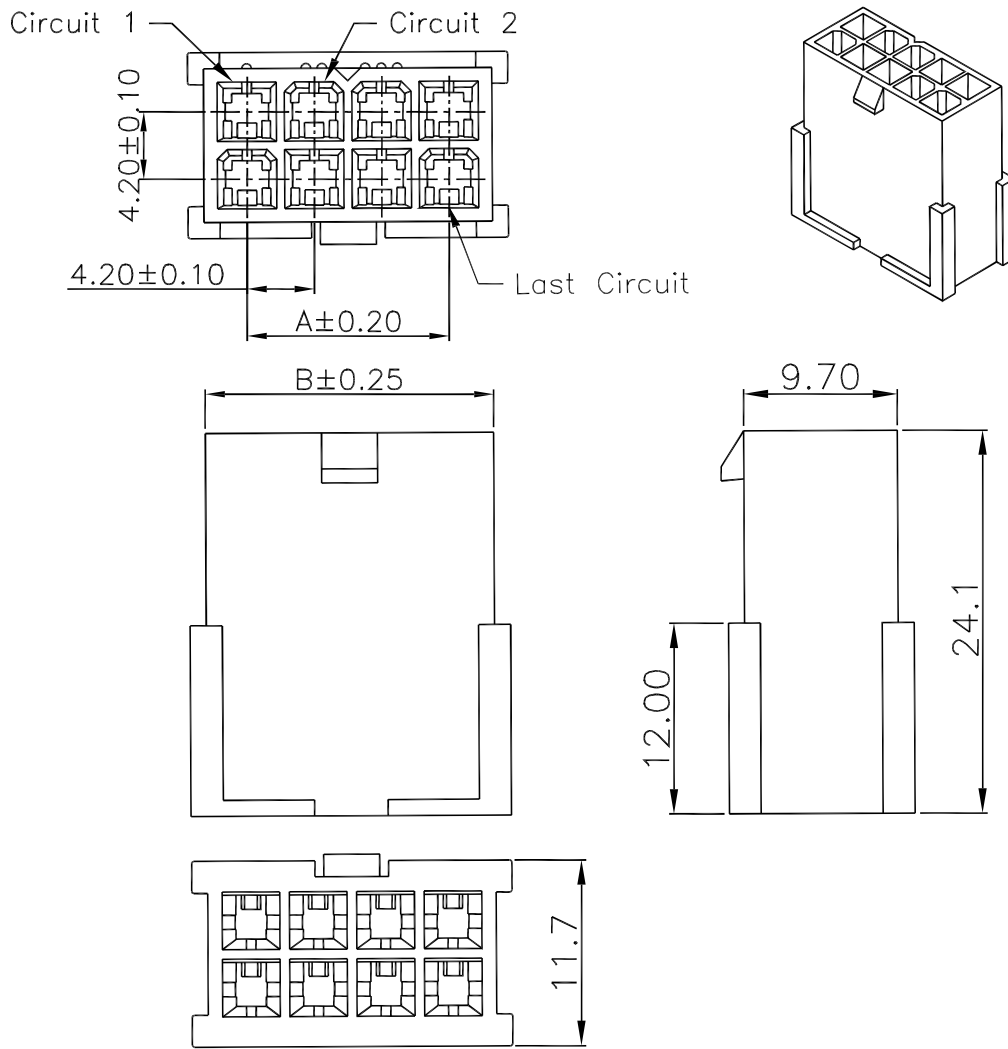
### Part Number Information:

**4201 WME - D XX XX XX**

Series Number  
WME: wire connector, male, with ears  
D: dual row  
No. of circuits: 02 to 24 pin  
Material: 02 - nylon 66, 94V-2; 00 - nylon 66, 94V-0  
Color: WH - white; NA - natural (transparent white); BK - black



							General Tolerance	Zeakka Electronics				Document No.:	ZK-4201WME-D		
							.X ±0.3								
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version	
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A	
							THIRD ANGLE PROJECTION								



Circuits	Dimensions (mm)	
	A	B
2	-	5.60
4	4.20	9.80
6	8.40	14.00
8	12.60	18.20
10	16.80	22.40
12	21.00	26.60
14	25.20	30.80
16	29.40	35.00
18	33.60	39.20
20	37.80	43.40
22	42.00	47.60
24	46.20	51.80

**Specifications:**

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute

**Material:**

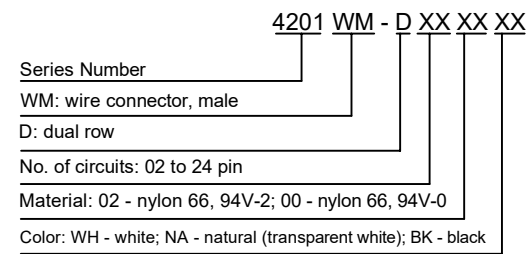
Housing: nylon 66, UL94V-0/2, white / transparent white / black

**Used with:**

4201TM-XX (male terminal)  
 4201TMH-XX (male terminal, high crimp height)

**Mates with:** 4201WF-D (wire connector, female, dual row)

**Part Number Information:**



							General Tolerance	Zeakka Electronics				Document No.: ZK-4201WM-D			
							.X ±0.3					Title: HOUSING, MALE, CRIMP TYPE, DUAL ROW, 4.2MM PITCH			
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version	
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A	
							THIRD ANGLE PROJECTION								

**Specifications:**

Current Rating: 9.0A AC/DC  
 Voltage rating: 600V AC/DC  
 Temperature range: -40°C to +105°C  
 Contact resistance: 10mΩ max.  
 Insulation resistance: 1000MΩ min.  
 Withstand voltage: 1500V AC/minute  
 Applicable wire: AWG22 - AWG16  
 Package: reel

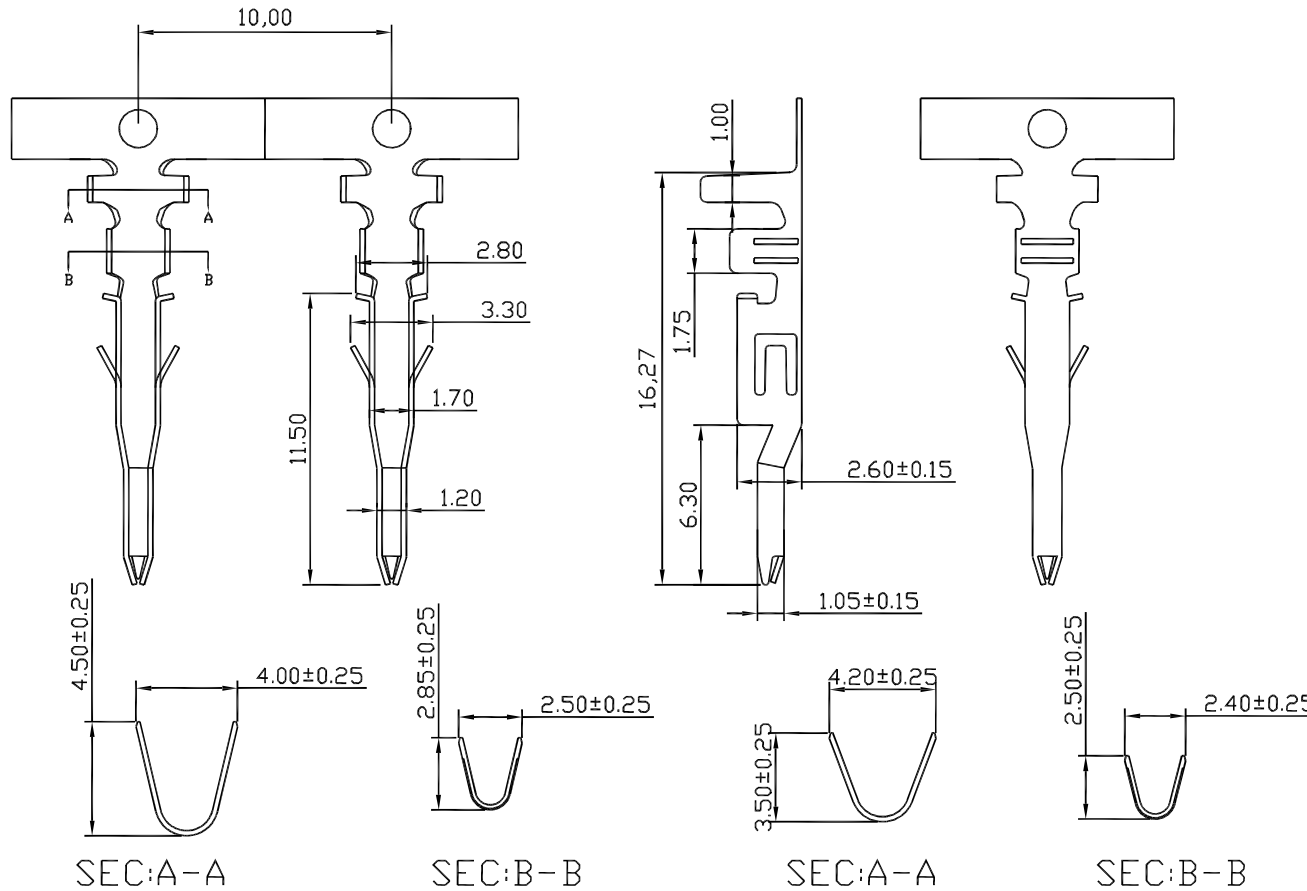
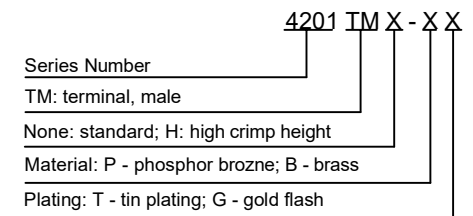
**Material:**

Phosphor bronze / Brass

**Used with:**

4201WM-S (wire connector, male, single row)  
 4201WME-S (wire connector, male, with ears, single row)  
 4201WM-D (wire connector, male, single row)  
 4201WME-D (wire connector, male, with ears, single row)

**Part Number Information:**



**High crimp height**  
 For AWG #22 - #16  
 Insulation OD: max 3.1mm

**Standard**  
 For AWG #22 - #18  
 Insulation OD: max 3.0mm

							General Tolerance	<b>Zeakka Electronics</b>				Document No.: ZK-4201TM						
							.X ±0.3					Title: TERMINAL, MALE, CRIMP TYPE, PHOSPHOR BRONZE / BRASS, REEL						
							.XX ±0.2					APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
							.XXX ±0.1					Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION											