

PCB LAYOUT

Specifications:

Current Rating: 2.0A AC/DC
 Voltage rating: 100V AC/DC
 Temperature range: -40°C to +105°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 800V AC/minute
 Package: tape & reel

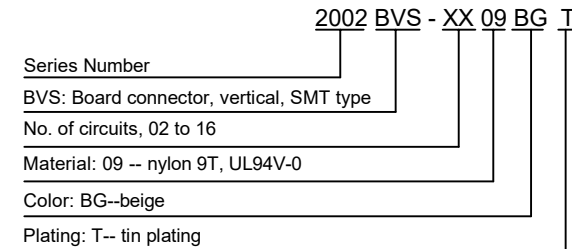
Material:

Housing: nylon 9T, UL94V-0, beige
 PIN: brass
 Solder tab: brass

Circuits	Dimensions (mm)	
	A	B
2	2.00	8.00
3	4.00	10.00
4	6.00	12.00
5	8.00	14.00
6	10.00	16.00
7	12.00	18.00
8	14.00	20.00
9	16.00	22.00
10	18.00	24.00
11	20.00	26.00
12	22.00	28.00
13	24.00	30.00
14	26.00	32.00
15	28.00	34.00
16	30.00	36.00

Mates with: 2002W (wire connector, female, single row)

Part Number Information:



							General Tolerance	Zeakka Electronics				Document No.: ZK-2002BVS			
							.X ±0.3					Title: HEADER, VERTICAL, SMT TYPE, SINGLE ROW, 2.0MM PITCH, TIN			
							.XX ±0.2					APPR	CH'K	DRWN	Date
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	THIRD ANGLE PROJECTION	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A

Circuits	Dimensions (mm)		
	A	B	C
2	2.00	4.70	8.00
3	4.00	6.70	10.00
4	6.00	8.70	12.00
5	8.00	10.70	14.00
6	10.00	12.70	16.00
7	12.00	14.70	18.00
8	14.00	16.70	20.00
9	16.00	18.70	22.00
10	18.00	20.70	24.00
11	20.00	22.70	26.00
12	22.00	24.70	28.00
13	24.00	26.70	30.00
14	26.00	28.70	32.00
15	28.00	30.70	34.00
16	30.00	32.70	36.00

Specifications:

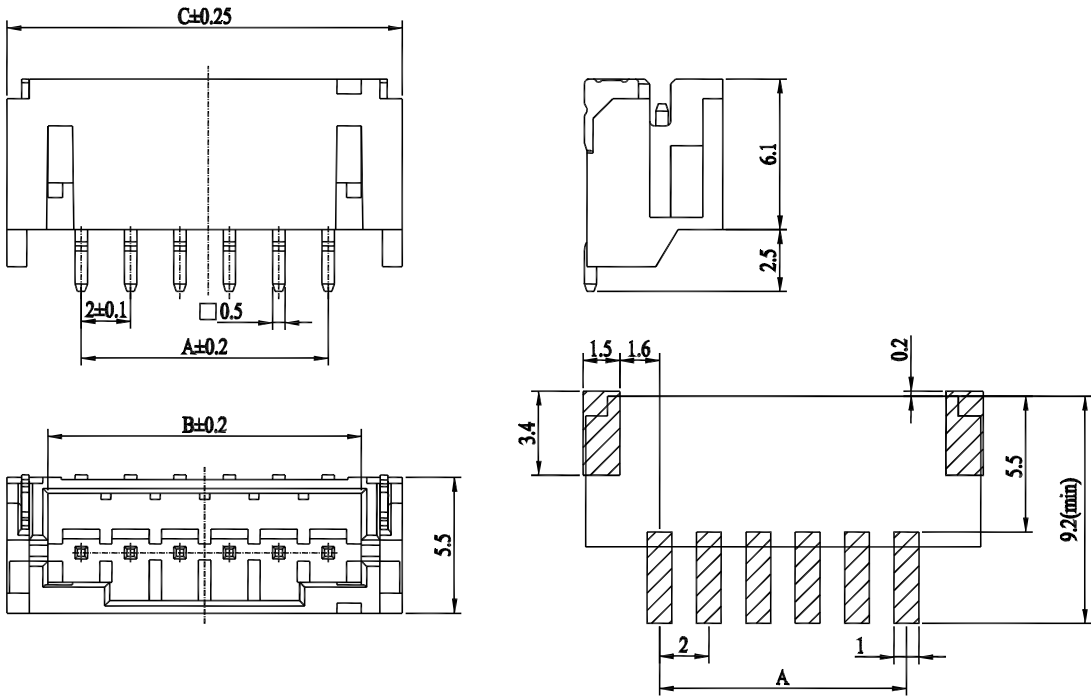
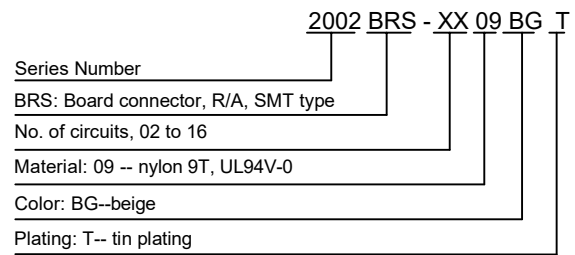
Current Rating: 2.0A AC/DC
Voltage rating: 100V AC/DC
Temperature range: -40°C to +105°C
Contact resistance: 10mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 800V AC/minute
Package: tape & reel

Material:

Housing: nylon 9T, UL94V-0, beige
PIN: brass
Solder tab: brass

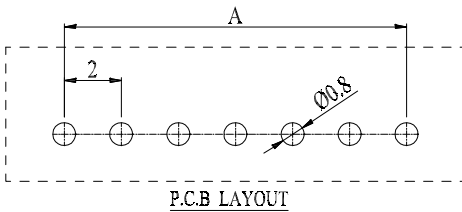
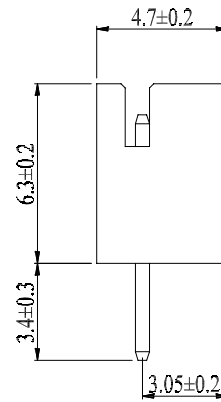
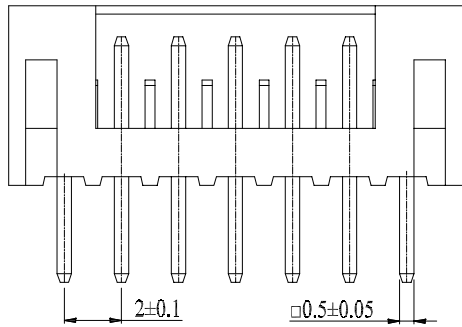
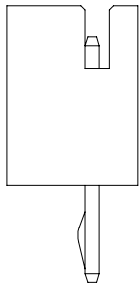
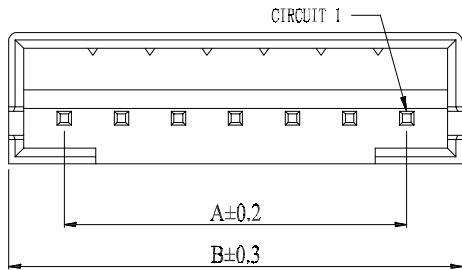
Mates with: 1251WF (wire connector, female, single row)

Part Number Information:



PCB LAYOUT

							General Tolerance	Zeakka Electronics				Document No.: ZK-2002BRS		
							.X ±0.3					Title: HEADER, R/A, SMT TYPE, SINGLE ROW, 2.0MM 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: 2.0A AC/DC
 Voltage rating: 100V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 800V AC/minute

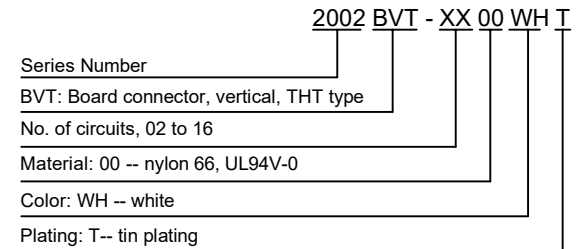
Material:

Housing: nylon 66, UL94V-0, white
 PIN: brass

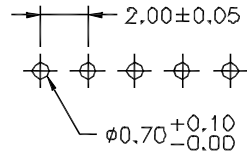
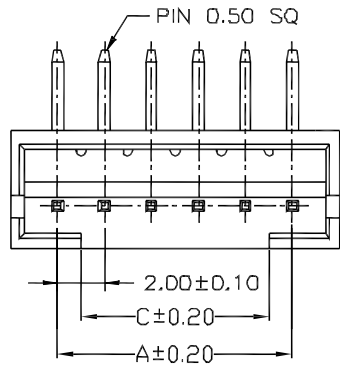
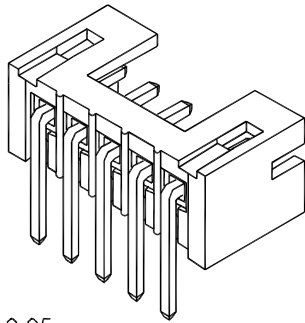
Circuits	Dimensions (mm)	
	A	B
2	2.00	6.10
3	4.00	8.10
4	6.00	10.10
5	8.00	12.10
6	10.00	14.10
7	12.00	16.10
8	14.00	18.10
9	16.00	20.10
10	18.00	22.10
11	20.00	24.10
12	22.00	26.10
13	24.00	28.10
14	26.00	30.10
15	28.00	32.10
16	30.00	34.10

Mates with: 2002W (wire connector, female, single row)

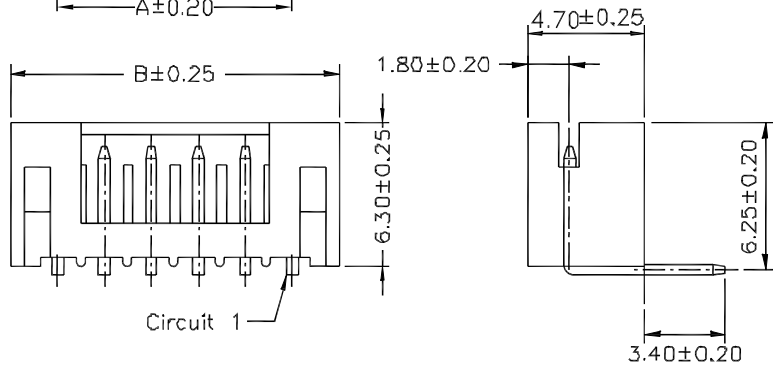
Part Number Information:



							General Tolerance	Zeakka Electronics				Document No.: ZK-2002BVT		
							.X ±0.3					Title: HEADER, VERTICAL, THT TYPE, SINGLE ROW, 2.0MM 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: 2.0A AC/DC
 Voltage rating: 100V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 800V AC/minute

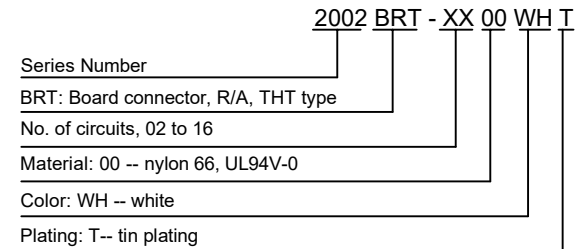
Material:

Housing: nylon 66, UL94V-0, white
 PIN: brass

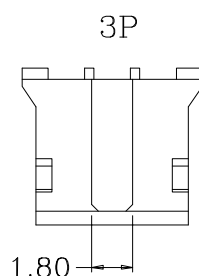
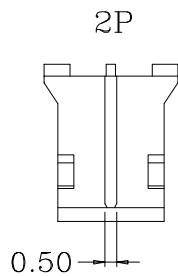
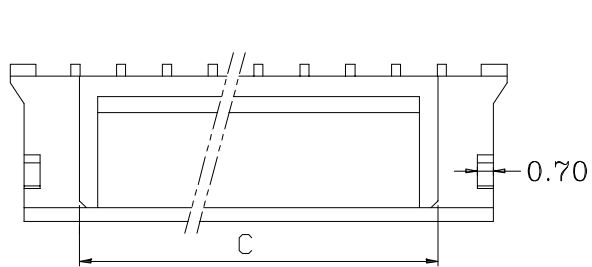
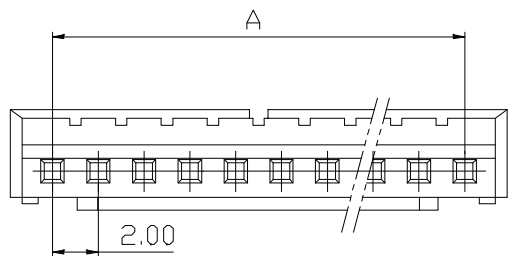
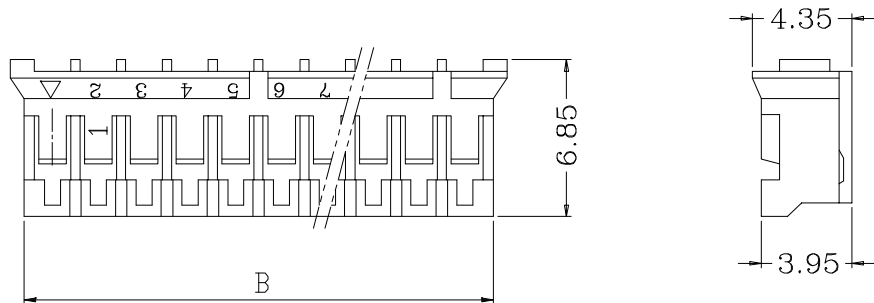
Circuits	Dimensions (mm)		
	A	B	C
2	2.00	6.00	/
3	4.00	8.00	/
4	6.00	10.00	4.00
5	8.00	12.00	6.00
6	10.00	14.00	8.00
7	12.00	16.00	10.00
8	14.00	18.00	12.00
9	16.00	20.00	14.00
10	18.00	22.00	16.00
11	20.00	24.00	18.00
12	22.00	26.00	20.00
13	24.00	28.00	22.00
14	26.00	30.00	24.00
15	28.00	32.00	26.00
16	30.00	34.00	28.00

Mates with: 2002W (wire connector, female, single row)

Part Number Information:



							General Tolerance	Zeakka Electronics				Document No.:	ZK-2002BRT		
							.X ±0.3					Title:	HEADER, R/A, THT TYPE, SINGLE ROW, 2.0MM 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								



Circuits	Dimensions (mm)		
	A	B	C
2	2.00	4.50	/
3	4.00	6.50	/
4	6.00	8.50	3.60
5	8.00	10.50	5.60
6	10.00	12.50	7.60
7	12.00	14.50	9.60
8	14.00	16.50	11.60
9	16.00	18.50	13.60
10	18.00	20.50	15.60
11	20.00	22.50	17.60
12	22.00	24.50	19.60
13	24.00	26.50	21.60
14	26.00	28.50	23.60
15	28.00	30.50	25.60
16	30.00	32.50	27.60

Specifications:

Current Rating: 2.0A AC/DC
 Voltage rating: 100V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 800V AC/minute

Material:

Housing: nylon 66, UL94V-0, white

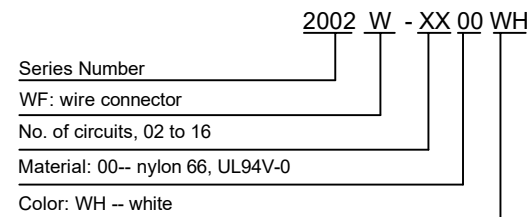
Mates with:

- 2002BVT (header, vertical, THT type)
- 2002BRT (header, R/A, THT type)
- 2002BVS (header, vertical, SMT type)
- 2002BRS (header, R/A, SMT type)

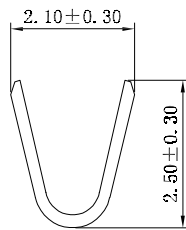
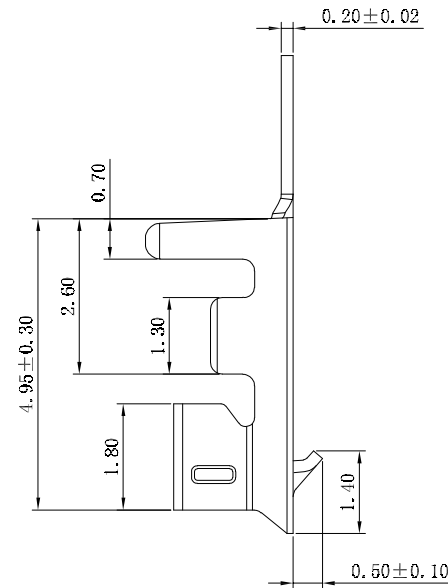
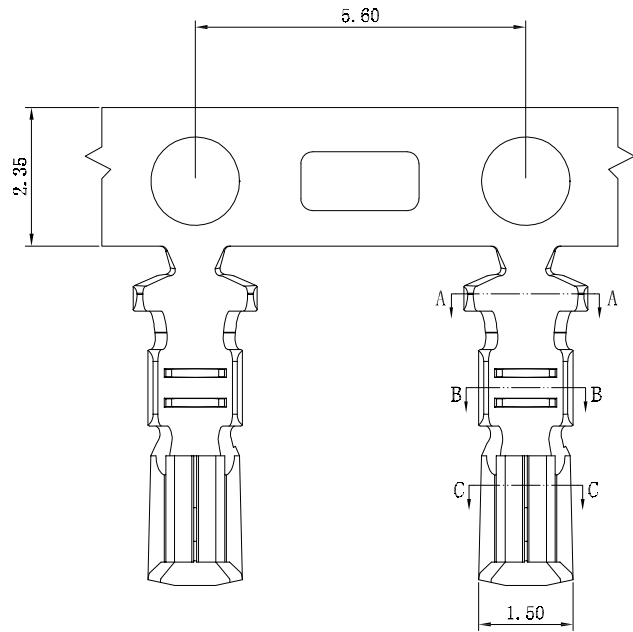
Used with:

2002TF-PT (female terminal)

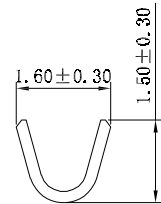
Part Number Information:



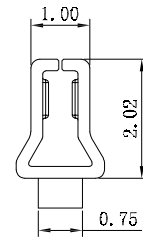
							General Tolerance	Zeakka Electronics				Document No.: ZK-2002W		
							.X ±0.3					Title: HOUSING, FEMALE, CRIMP TYPE, SINGLE ROW, 2.0MM PITCH		
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
							THIRD ANGLE PROJECTION							



SECTION: A-A
SCALE: 1:1



SECTION: B-B
SCALE: 1:1



SECTION: C-C
SCALE: 1:1

Specifications:

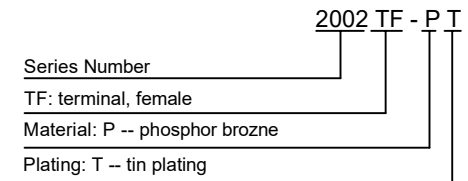
Current Rating: 2.0A AC/DC
 Voltage rating: 100V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 20mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 800V AC/minute
 Applicable wire: AWG26 - AWG22
 Insulation OD: max 1.60mm
 Package: 10000pcs / reel

Material:

Phosphor bronze

Used with: 2002W (female housing)

Part Number Information:



							General Tolerance	Zeakka Electronics				Document No.: ZK-2002TF			
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, PHOSPHOR BRONZE, TIN, REEL			
							.XX ±0.2					APPR	CH'K	DRWN	Date
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	THIRD ANGLE PROJECTION	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A