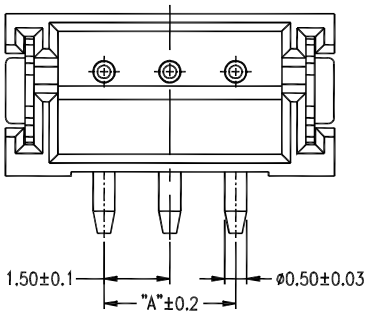
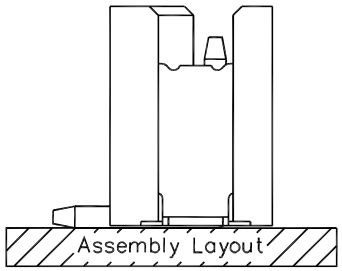
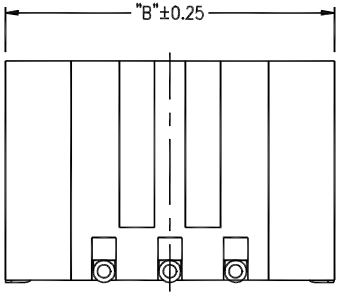
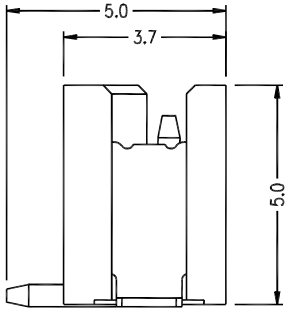
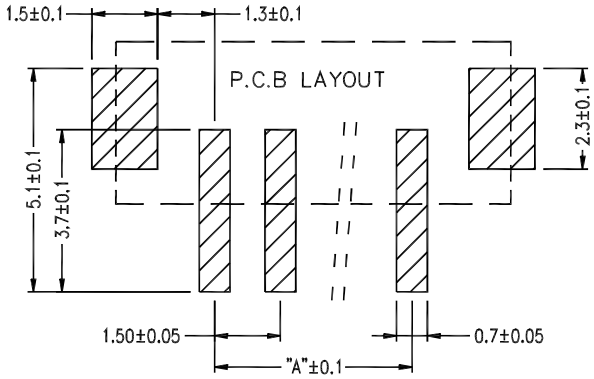










Specifications:

Current Rating: 1.0A AC/DC
Voltage rating: 100V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 20mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 500V AC/minute
Package: tape & reel

Circuits	Dimensions (mm)	
	A	B
2	1.50	6.00
3	3.00	7.50
4	4.50	9.00
5	6.00	10.50
6	7.50	12.00
7	9.00	13.50
8	10.50	15.00
9	12.00	16.50
10	13.50	18.00
11	15.00	19.50
12	16.50	21.00
13	18.00	22.50
14	19.50	24.00
15	21.00	25.50

Material:

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

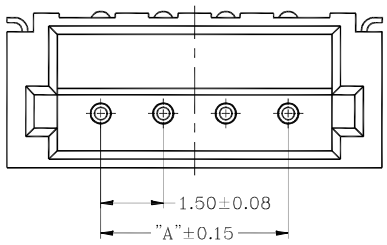
Mates with: 1501W (wire connector, female, single row)

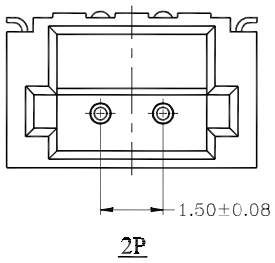
Part Number Information:

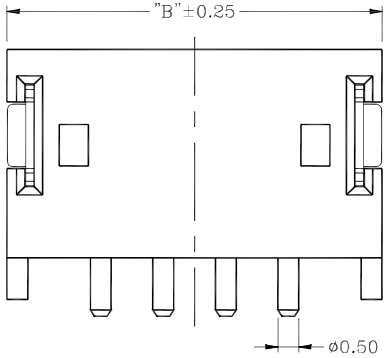
1501 BVS - XX 09 BG T

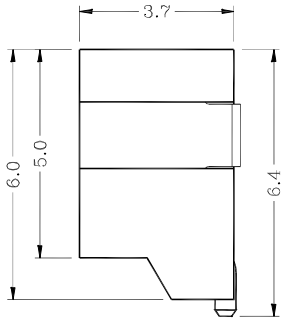
Series Number
BVS: Board connector, vertical, SMT type
No. of circuits, 02 to 15
Material: 09 -- nylon 9T, UL94V-0
Color: BG--beige
Plating: T-- tin plating

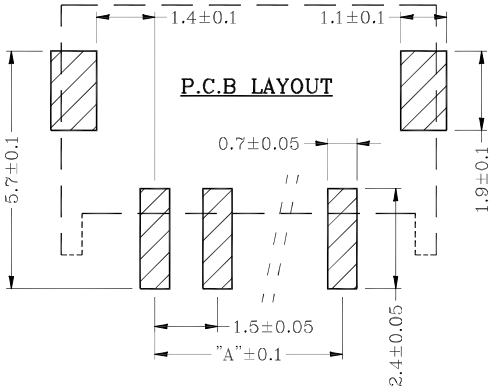
							General Tolerance	Zeakka Electronics				Document No.: ZK-1501BVS		
							.X ±0.3					Title: HEADER, VERTICAL, SMT TYPE, SINGLE ROW, 1.50MM PITCH, TIN		
							.XX ±0.2							
							.XXX ±0.1	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION				2020.8.7	mm	1:1	A











Specifications:

Current Rating: 1.0A AC/DC
Voltage rating: 50V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 20mΩ max.
Insulation resistance: 100MΩ min.
Withstand voltage: 500V AC/minute
Package: tape & reel

Circuits	Dimensions (mm)	
	A	B
2	1.50	6.00
3	3.00	7.50
4	4.50	9.00
5	6.00	10.50
6	7.50	12.00
7	9.00	13.50
8	10.50	15.00
9	12.00	16.50
10	13.50	18.00
11	15.00	19.50
12	16.50	21.00
13	18.00	22.50
14	19.50	24.00
15	21.00	25.50

Material:

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

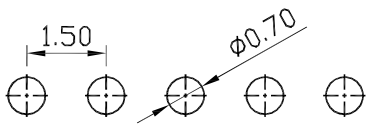
Mates with: 1501W (wire connector, female, single row)

Part Number Information:

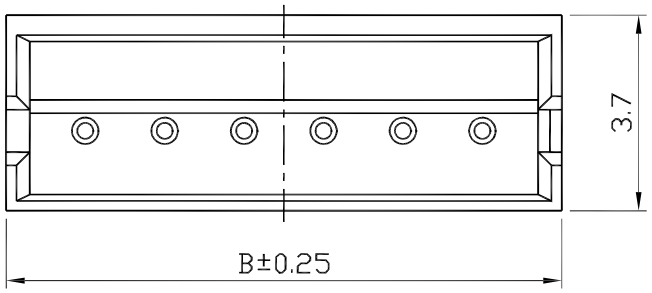
1501 BRS - XX 09 BG T

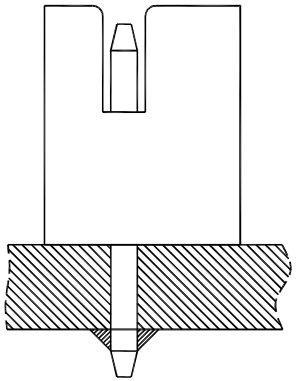
Series Number
BRS: Board connector, R/A, SMT type
No. of circuits, 02 to 15
Material: 09 -- nylon 9T, UL94V-0
Color: BG--beige
Plating: T-- tin plating

							General Tolerance	Zeakka Electronics				Document No.: ZK-1501BRS		
							.X ±0.3					Title: HEADER, R/A, SMT TYPE, SINGLE ROW, 1.50MM PITCH, TIN		
							.XX ±0.2							
							.XXX ±0.1	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION				2020.8.7	mm	1:1	A

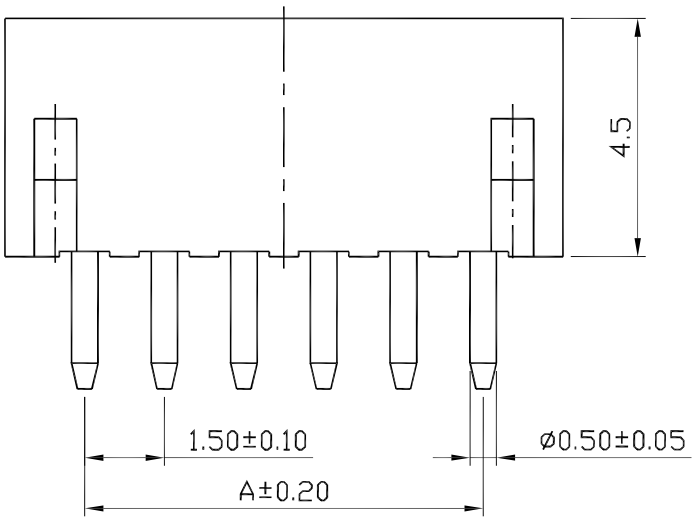


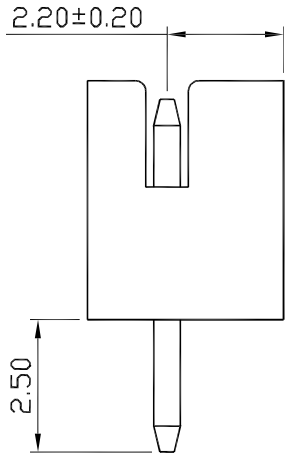
PCB. LAYOUT





Assembly Layout





Specifications:

Current Rating: 1.0A AC/DC
Voltage rating: 100V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 20mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 500V AC/minute

Material:

Housing: nylon 46, UL94V-0, beige
PIN: brass

Circuits	Dimensions (mm)	
	A	B
2	1.50	4.50
3	3.00	6.00
4	4.50	7.50
5	6.00	9.00
6	7.50	10.50
7	9.00	12.00
8	10.50	13.50
9	12.00	15.00
10	13.50	16.50
11	15.00	18.00
12	16.50	19.50
13	18.00	21.00

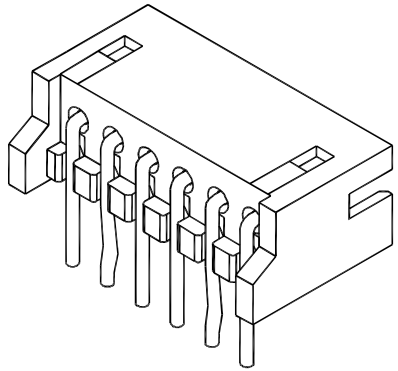
Mates with: 1501W (wire connector, female, single row)

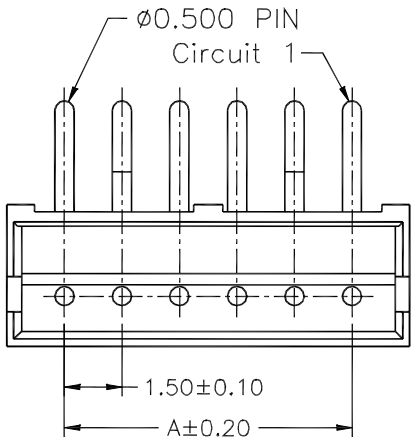
Part Number Information:

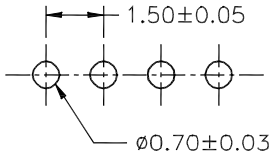
1501 BVT - XX 07 BG T

Series Number
BVT: Board connector, vertical, THT type
No. of circuits, 02 to 13
Material: 07 -- nylon 46, UL94V-0
Color: BG--beige
Plating: T-- tin plating

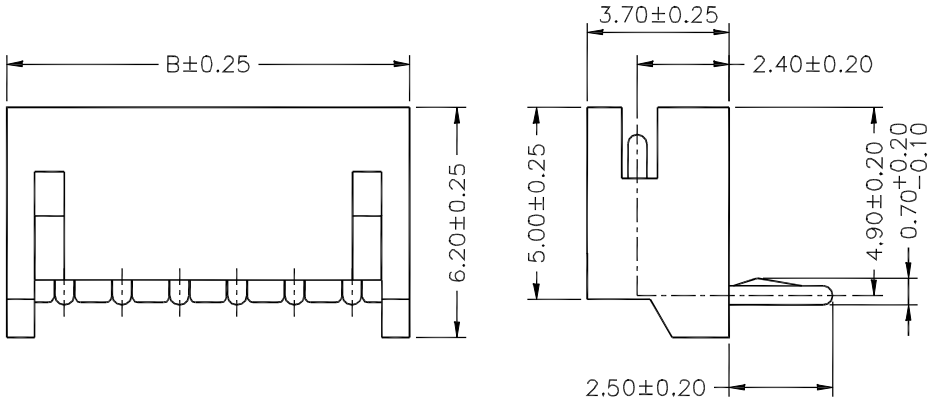
							General Tolerance	Zeakka Electronics				Document No.: ZK-1501BVT	
							.X ±0.3					Title: HEADER, VERTICAL, THT TYPE, SINGLE ROW, 1.50MM PITCH, TIN	
							.XX ±0.2						
							.XXX ±0.1	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION				2020.8.7	mm	1:1	A







P.C.B LAYOUT



Specifications:

Current Rating: 1.0A AC/DC
Voltage rating: 100V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 20mΩ max.
Insulation resistance: 500MΩ min.
Withstand voltage: 500V AC/minute

Material:

Housing: nylon 46, UL94V-0, beige
PIN: brass

Circuits	Dimensions (mm)	
	A	B
2	1.50	4.50
3	3.00	6.00
4	4.50	7.50
5	6.00	9.00
6	7.50	10.50
7	9.00	12.00
8	10.50	13.50
9	12.00	15.00
10	13.50	16.50
11	15.00	18.00
12	16.50	19.50
13	18.00	21.00

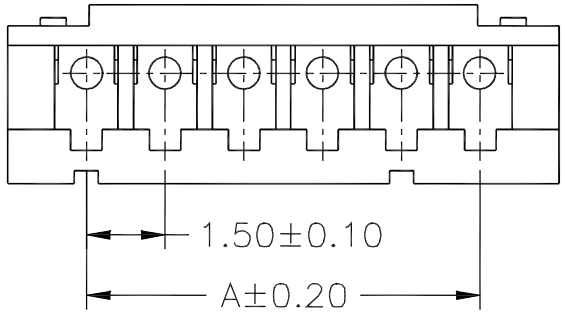
Mates with: 1501W (wire connector, female, single row)

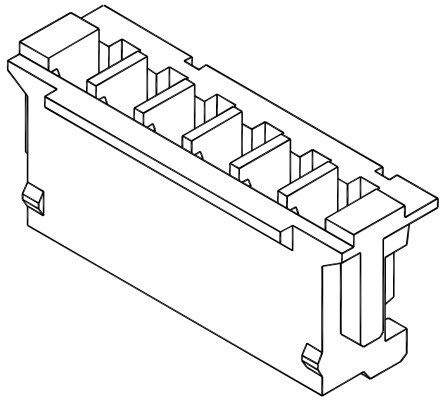
Part Number Information:

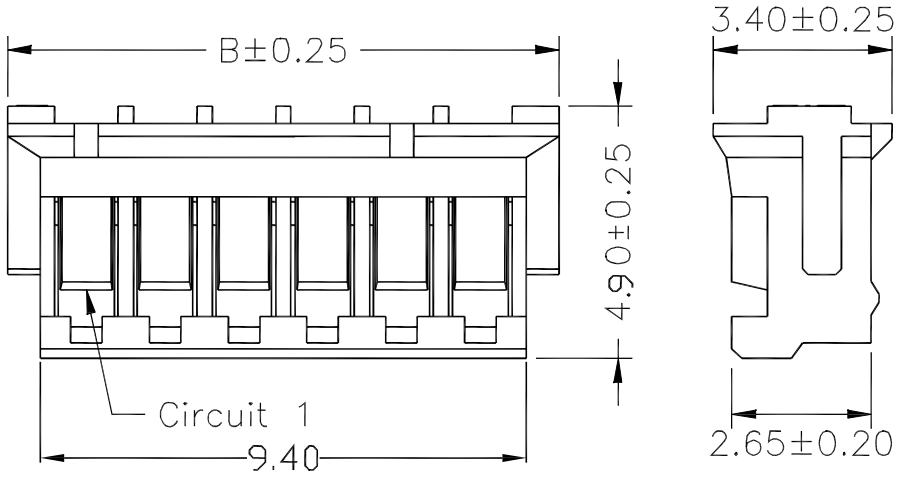
1501 BRT - XX 07 BG T

Series Number
BRT: Board connector, R/A, THT type
No. of circuits, 02 to 13
Material: 07 -- nylon 46, UL94V-0
Color: BG--beige
Plating: T-- tin plating

							General Tolerance	Zeakka Electronics				Document No.: ZK-1501BRT		
							.X ±0.3					Title: HEADER, R/A, THT TYPE, SINGLE ROW, 1.50MM PITCH, TIN		
							.XX ±0.2							
							.XXX ±0.1	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION				2020.8.7	mm	1:1	A







Circuits	Dimensions (mm)	
	A	B
2	1.50	4.50
3	3.00	6.00
4	4.50	7.50
5	6.00	9.00
6	7.50	10.50
7	9.00	12.00
8	10.50	13.50
9	12.00	15.00
10	13.50	16.50
11	15.00	18.00
12	16.50	19.50
13	18.00	21.00
14	19.50	22.50
15	21.00	24.00

Specifications:

Current Rating: 1.0A AC/DC
Voltage rating: 500V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 20mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 500V AC/minute

Material:

Housing: nylon 66, UL94V-0, white

Mates with:

1501BVT (header, vertical, THT type)
1501BRT (header, R/A, THT type)
1501BVS (header, vertical, SMT type)
1501BRS (header, R/A, SMT type)

Used with:

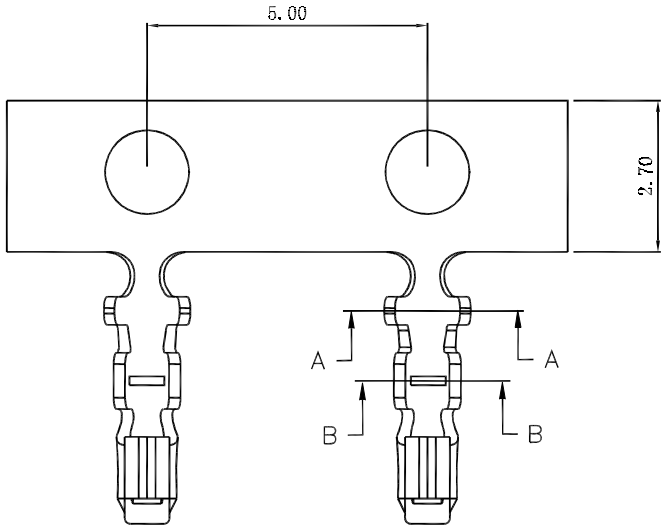
1501TF-PT (female terminal)

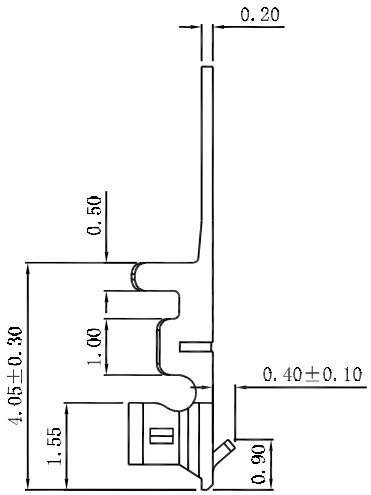
Part Number Information:

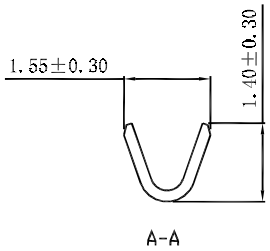
1501 W - XX 00 WH

- 1501: Series Number
- W: WF: wire connector, female
- XX: No. of circuits, 02 to 15
- 00: Material: 00-- nylon 66, UL94V-0
- WH: Color: WH -- white

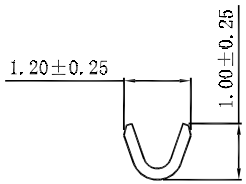
							General Tolerance	Zeakka Electronics				Document No.: ZK-1501W		
							.X ±0.3					Title: HOUSING, FEMALE, CRIMP TYPE, SINGLE ROW, 1.50MM PITCH		
							.XX ±0.2							
							.XXX ±0.1	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION				2020.8.7	mm	1:1	A



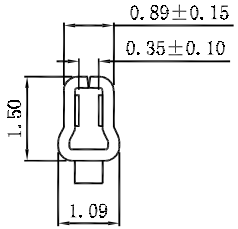




A-A



B-B



Specifications:

Current Rating: 1.0A AC/DC
Voltage rating: 50V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 30mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 500V AC/minute
Applicable wire: AWG32 - AWG28
Insulation OD: max 0.9mm

Material:

Phosphor bronze

Used with: 1501W (female housing)

Part Number Information:

1501 TF - P T

Series Number
TF: terminal, female
Material: P -- phosphor brozne
Plating: T -- tin plating

							General Tolerance	Zeakka Electronics				Document No.: ZK-1501TF		
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, PHOSPHOR BRONZE, TIN, REEL		
							.XX ±0.2							
							.XXX ±0.1	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION				2020.8.7	mm	1:1	A