

P.C.B. LAYOUT

Specifications:

Current Rating: 7.0A AC/DC
 Voltage rating: 250V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 1500V AC/minute

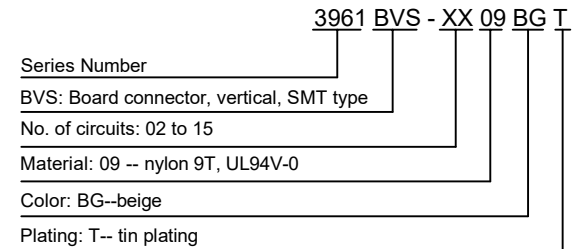
Material:

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

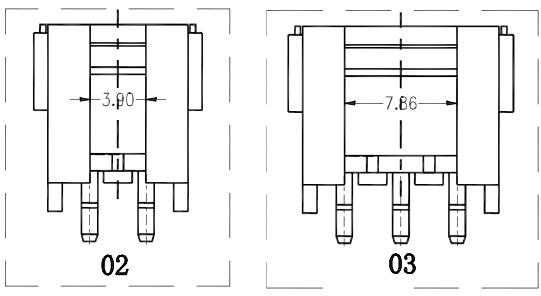
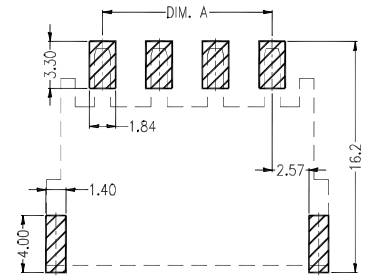
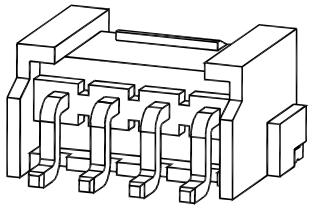
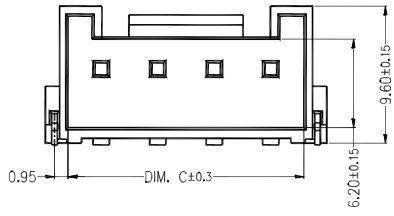
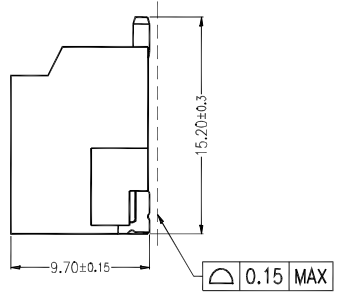
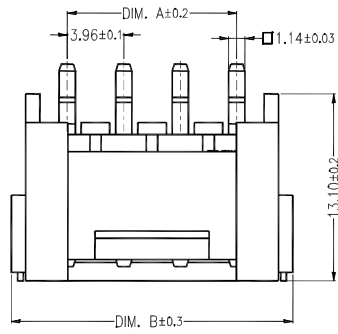
Circuits	Dimensions (mm)		
	A	B	C
2	3.96	11.80	8.60
3	7.92	15.76	12.56
4	11.88	19.72	16.52
5	15.84	23.68	20.48
6	19.80	27.64	24.44
7	23.76	31.60	28.40
8	27.72	35.56	32.36
9	31.68	39.52	36.32
10	35.64	43.48	40.28
11	39.60	47.44	44.24
12	43.56	51.40	48.20
13	47.52	55.36	52.16
14	51.48	59.32	56.12
15	55.44	63.28	60.08

Mates with: 3961W (wire connector)

Part Number Information:



Date	Version	EC No.	Description	DRWN	CH'K	APPR	General Tolerance	Zeakka Electronics				Document No.:	ZK-3961BVS	
							.X ±0.3	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
							.XX ±0.2	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
							.XXX ±0.1							
							THIRD ANGLE PROJECTION							



Specifications:

Current Rating: 7.0A AC/DC
 Voltage rating: 250V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 1500V AC/minute

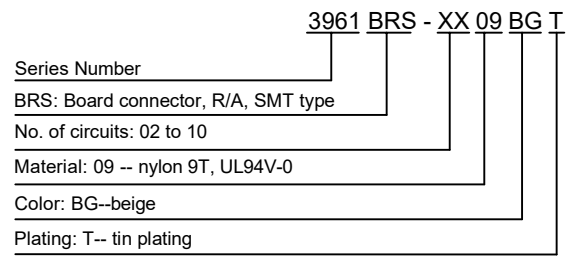
Circuits	Dimensions (mm)		
	A	B	C
2	3.96	11.88	8.60
3	7.92	15.84	12.56
4	11.88	19.80	16.52
5	15.84	23.76	20.48
6	19.80	27.72	24.44
7	23.76	31.68	28.40
8	27.72	35.64	32.36
9	31.68	39.60	36.32
10	35.64	43.56	40.28

Material:

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

Mates with: 3961W (wire connector)

Part Number Information:



Date	Version	EC No.	Description	DRWN	CH'K	APPR	General Tolerance	Zeakka Electronics				Document No.:	ZK-3961BRS		
							.X ±0.3	APPR	CH'K	DRWN	Date	Title:	HEADER, R/A, SMT TYPE, SINGLE ROW, 3.96MM PITCH, TIN		
							.XX ±0.2					Dimensions	Scale	Version	
							.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	3.96	7.92
3	7.92	11.88
4	11.88	15.84
5	15.84	19.80
6	19.80	23.76
7	23.76	27.72
8	27.72	31.68
9	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
13	47.52	51.48
14	51.48	55.44
15	55.44	59.40

Specifications:

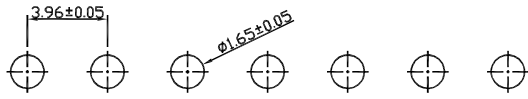
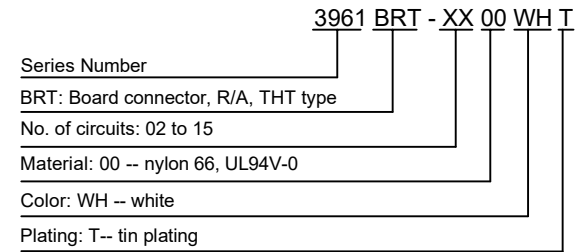
Current Rating: 7.0A AC/DC
Voltage rating: 250V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 10mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 1500V AC/minute

Material:

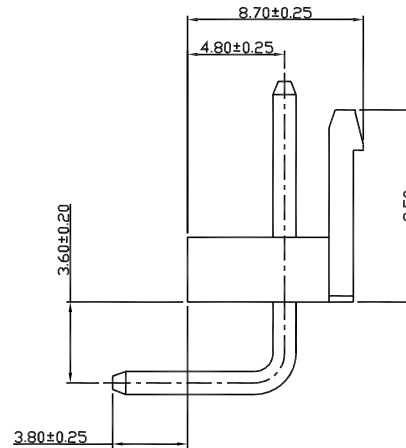
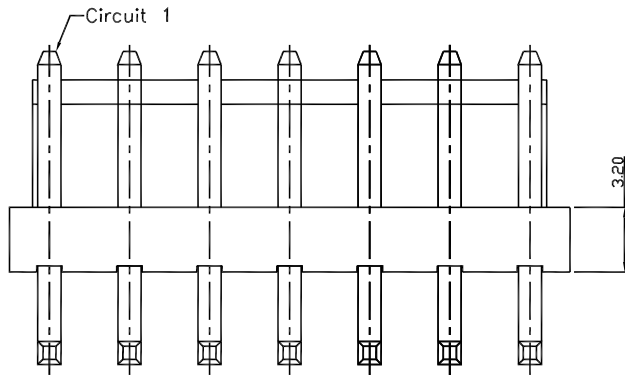
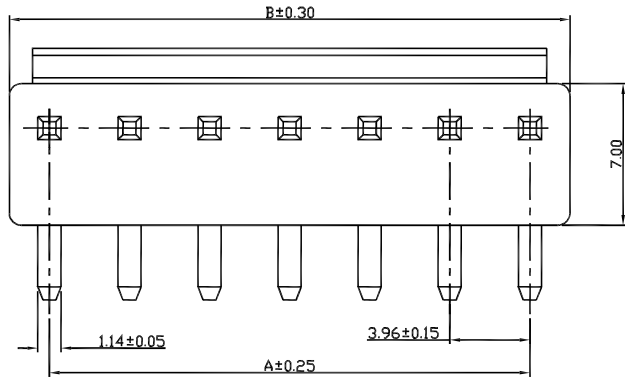
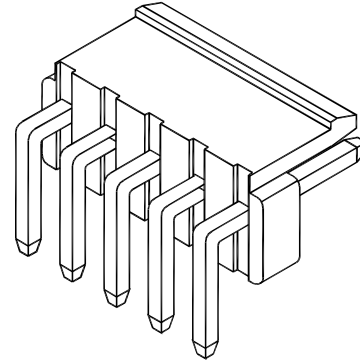
Housing: nylon 66, UL94V-0, white
PIN: brass

Mates with: 3961W (wire connector)

Part Number Information:



P.C.B. LAYOUT



Zeakka Electronics

Document No.: ZK-3961BRT

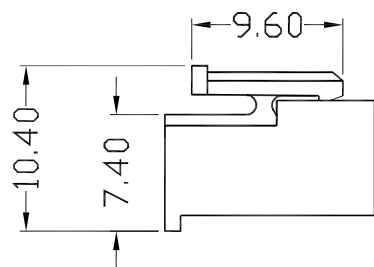
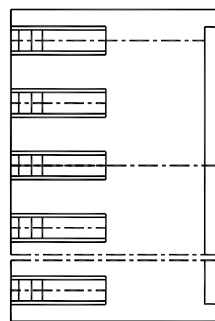
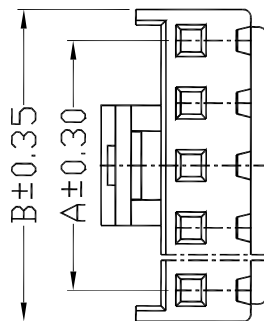
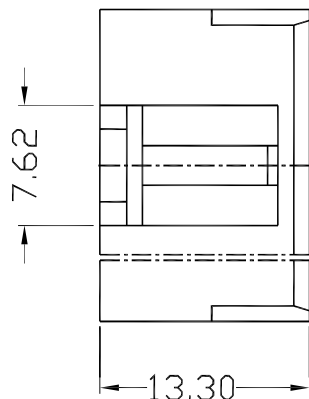
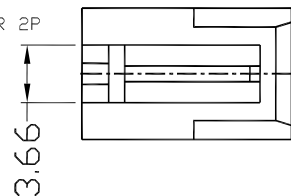
Title: HEADER, R/A, THT TYPE, SINGLE ROW, 3.96MM PITCH, TIN

APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A

Date	Version	EC No.	Description	DRWN	CH'K	APPR	General Tolerance
							.X ±0.3
							.XX ±0.2
							.XXX ±0.1

THIRD ANGLE PROJECTION

ONLY FOR 2P



Specifications:

Current Rating: 7.0A AC/DC
 Voltage rating: 250V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 1500V AC/minute

Material:

Housing: nylon 66, UL94V-0, white

Mates with: 3961BVT (header, vertical, THT type)
 3961BRT (header, R/A, THT type)
 3961BVS (header, vertical, SMT type)
 3961BRS (header, R/A, SMT type)

Used with: 3961TF-PT (female terminal)

Part Number Information:

3961 W - XX 00 WH

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

Circuits	Dimensions (mm)	
	A	B
2	3.96	7.92
3	7.92	11.88
4	11.88	15.84
5	15.84	19.80
6	19.80	23.76
7	23.76	27.72
8	27.72	31.68
9	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
13	47.52	51.48
14	51.48	55.44
15	55.44	59.40

							General Tolerance	Zeakka Electronics				Document No.: ZK-3961W		
							.X ±0.3					Title: HOUSING, FEMALE, CRIMP TYPE, SINGLE ROW, 3.96MM 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: 7.0A AC/DC
 Voltage rating: 250V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 1500V AC/minute
 Applicable wire: AWG22 - AWG18
 Insulation OD: max 2.8mm
 Package: reel

Material:

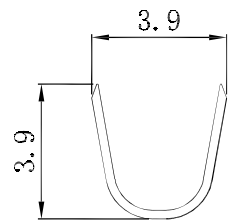
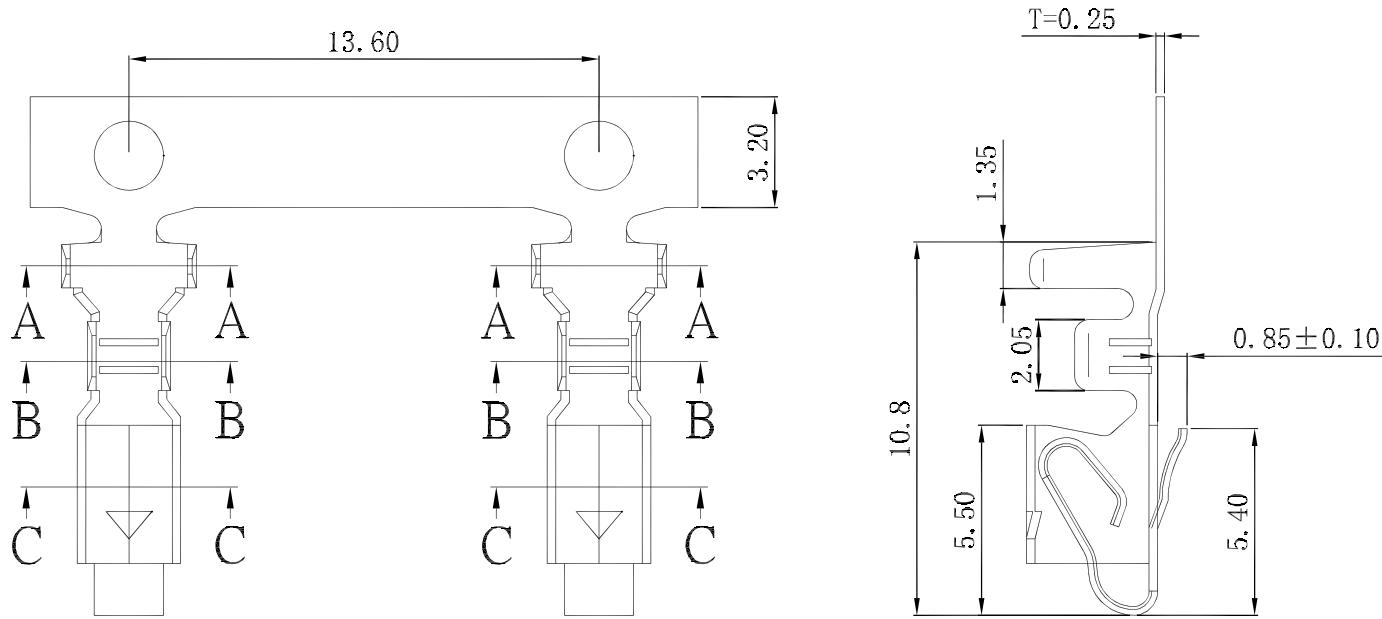
Phosphor bronze

Used with: 3691W (wire connector)

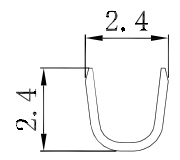
Part Number Information:

3961 TF - P T

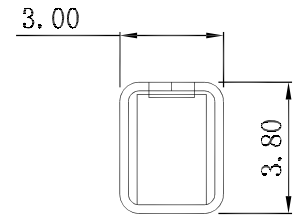
Series Number
 TF: terminal, female
 Material: P -- phosphor bronze
 Plating: T -- tin plating



A-A



B-B



C-C

							General Tolerance	Zeakka Electronics				Document No.: ZK-3961TF						
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, PHOSPHOR BRONZE, TIN, 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											