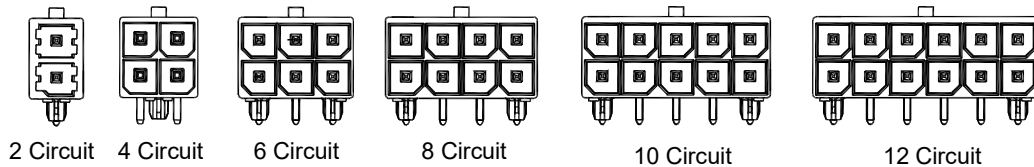


Recommended P.C.B Layout
General Tolerance±0.05



Specifications:

Current Rating: 23.0A AC/DC
Voltage rating: 600V AC/DC
Temperature range: -40°C to +105°C
Contact resistance: 2mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 2200V AC/minute

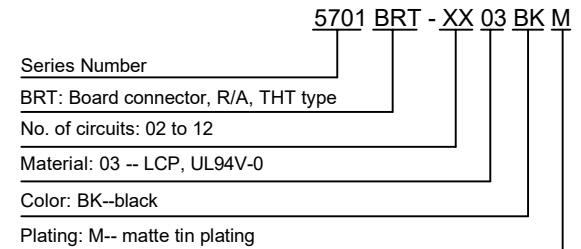
Circuits	Dimensions (mm)	
	A	B
2	8.35	/
4	12.05	5.70
6	17.75	11.40
8	23.45	17.10
10	29.15	22.80
12	34.85	28.50

Material:

Housing: LCP, UL94V-0, black
PIN: brass

Mates with: 5701W (wire connector)

Part Number Information:



Series Number

BRT: Board connector, R/A, THT type

No. of circuits: 02 to 12

Material: 03 -- LCP, UL94V-0

Color: BK--black

Plating: M-- matte tin plating

General Tolerance

.X ±0.3

.XX ±0.2

.XXX ±0.1

THIRD ANGLE PROJECTION

Zeakka Electronics

Document No.: ZK-5701BRT

Title: HEADER, R/A, THT TYPE, DUAL ROW, 5.7MM PITCH, MATTE 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

Circuits	Dimensions (mm)		
	A	B	C
2	8.35	/	12.34
4	12.05	5.70	16.04
6	17.75	11.40	21.74
8	23.45	17.10	27.44
10	29.15	22.80	33.14
12	34.85	28.50	38.84

Specifications:

Current Rating: 23.0A AC/DC
Voltage rating: 600V AC/DC
Temperature range: -40°C to +105°C
Contact resistance: 2mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 2200V AC/minute

Material:

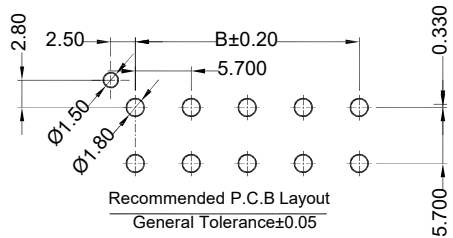
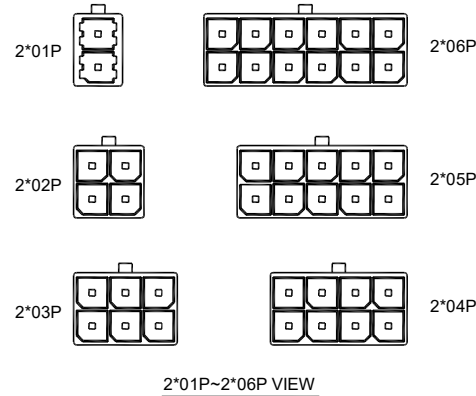
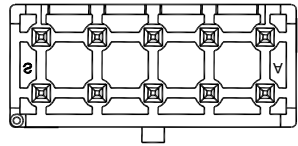
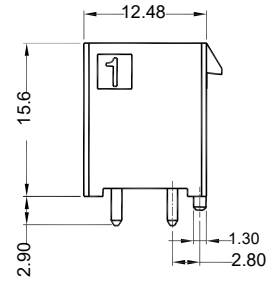
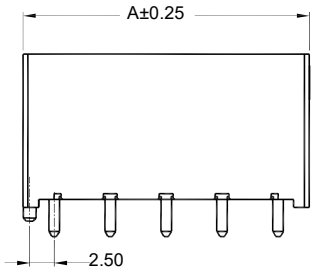
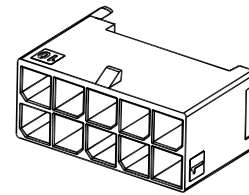
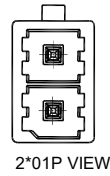
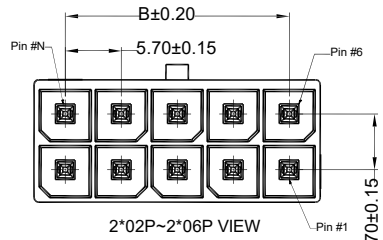
Housing: LCP, UL94V-0, black
PIN: brass

Mates with: 5701WF (wire connector)

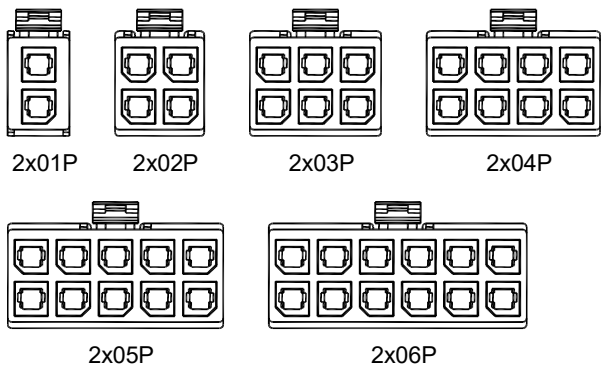
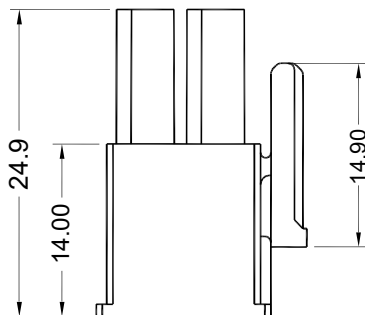
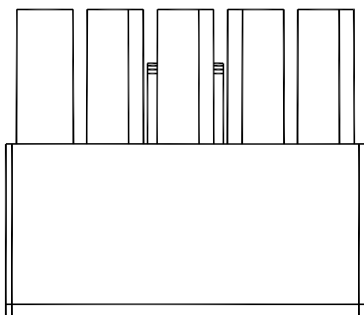
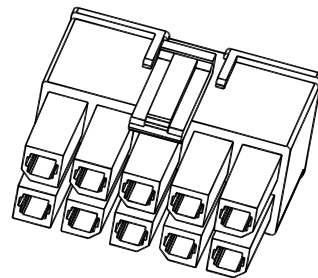
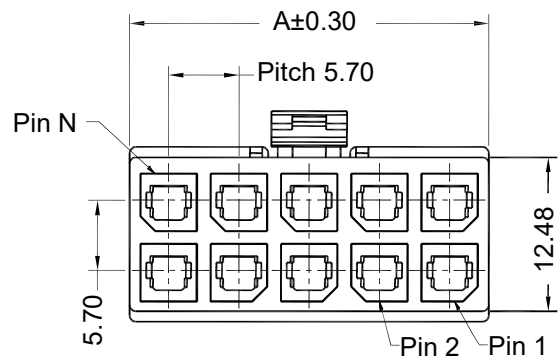
Part Number Information:

5701 BVT - XX 03 BK M A

Series Number
BVT: Board connector, vertical, THT type
No. of circuits: 02 to 12
Material: 03 -- LCP, UL94V-0
Color: BK--black
Plating: M--matte tin plating
A: A type - without crush pegs



Date	Version	EC No.	Description	DRWN	CH'K	APPR	General Tolerance	Zeakka Electronics				Document No.:	ZK-5701BVTA		
							.X ±0.3	APPR	CH'K	DRWN	Date	Title:	HEADER, VERTICAL, THT TYPE, DUAL ROW, 5.7MM PITCH, MATTE 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								



Specifications:

Current Rating: 23.0A AC/DC
 Voltage rating: 600V AC/DC
 Temperature range: -40°C to +105°C
 Contact resistance: 2mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 2200V AC/minute

Circuits	Dimensions (mm)
	A
2	8.36
4	12.05
6	17.75
8	23.45
10	29.15
12	34.85

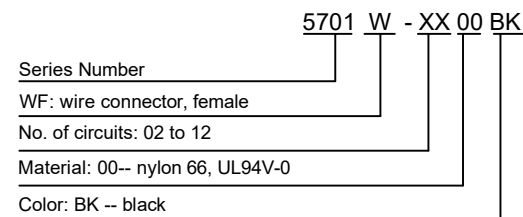
Material:

Housing: nylon 66, UL94V-0, black

Mates with: 5701BVT (header, vertical, THT type)
 5701BRT (header, R/A, THT type)

Used with: 5701TF-PT (female terminal)

Part Number Information:



							General Tolerance	Zeakka Electronics				Document No.: ZK-5701W		
							.X ±0.3					Title: HOUSING, FEMALE, CRIMP TYPE, DUAL ROW, 5.7MM 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: Check the following table
 Voltage rating: 600V AC/DC
 Temperature range: -40°C to +105°C
 Contact resistance: 5mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 2200V AC/minute
 Applicable wire: AWG16 - AWG12
 Insulation OD: max 4.10mm
 Package: reel

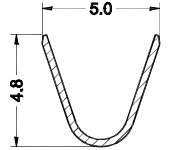
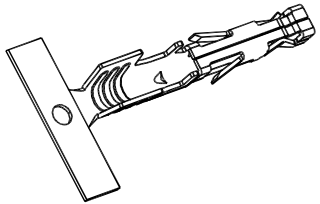
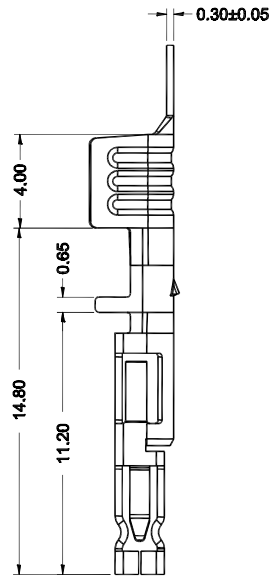
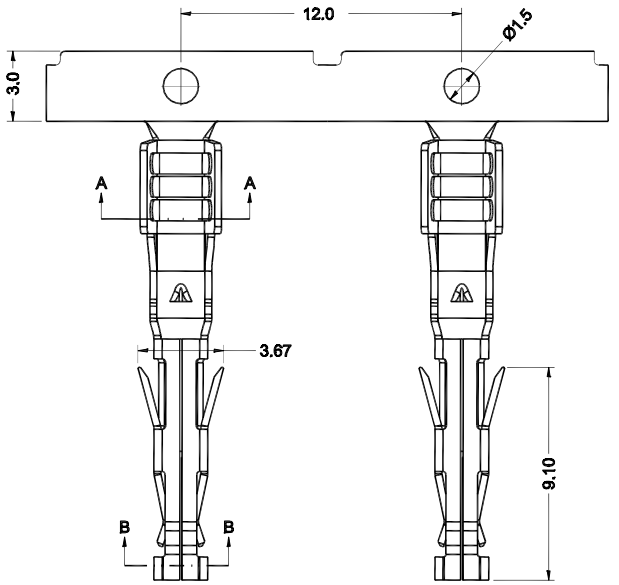
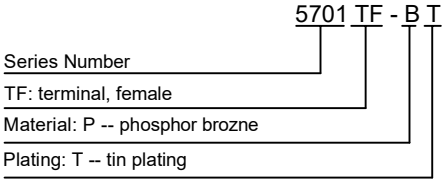
AWG & Metric wire size	Current rating				
	Ckt. Size	2	4	6	8-12
12 AWG, 4.0mm ²		21 A	18 A	16 A	14 A
14 AWG, 2.5mm ²		19 A	15 A	13 A	11 A
16 AWG, 1.5mm ²		15 A	13 A	11 A	10 A

Material:

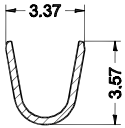
Brass

Used with: 5701W (wire connector)

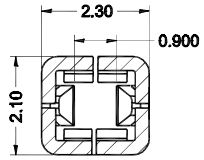
Part Number Information:



SECTION A-A
 SCALE 1:1
 CONDUCTOR CRIMP 12 AWG



SECTION A-A
 SCALE 1:1
 CONDUCTOR CRIMP 14/16 AWG



SECTION B-B
 SCALE 2:1

							General Tolerance	Zeakka Electronics				Document No.: ZK-5701TF						
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, BRASS, 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											