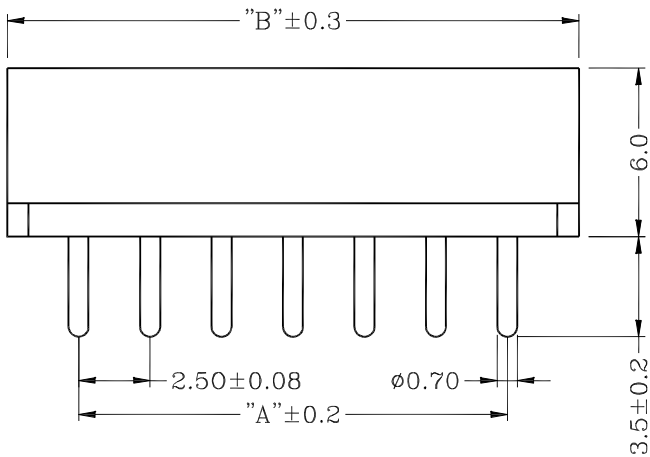
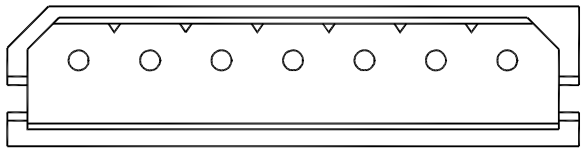


PCB LAYOUT

Specifications:

Current Rating: 3.0A AC/DC
Voltage rating: 250V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 20mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 1000V AC/minute

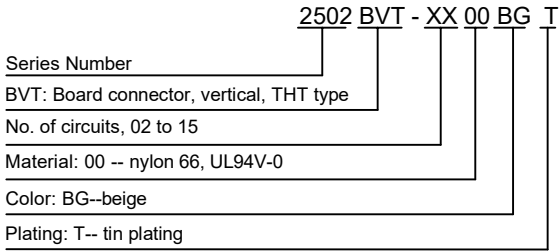
Material:

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

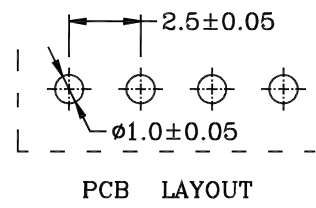
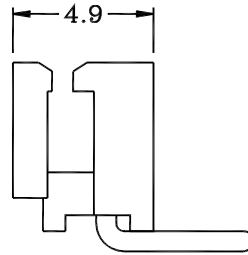
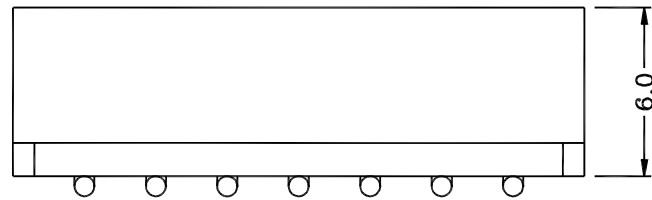
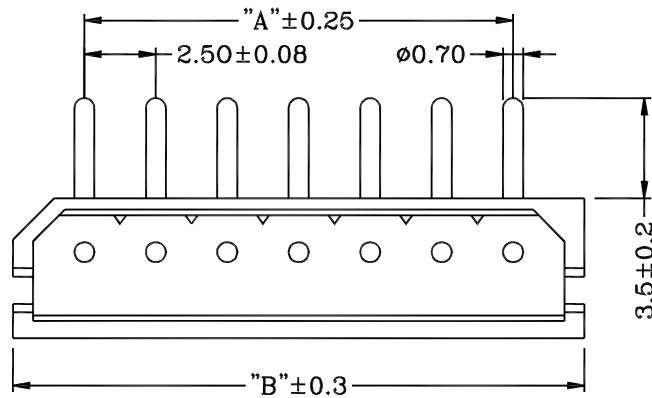
Circuits	Dimensions (mm)	
	A	B
2	2.50	7.55
3	5.00	10.05
4	7.50	12.55
5	10.00	15.05
6	12.50	17.55
7	15.00	20.05
8	17.50	22.55
9	20.00	25.05
10	22.50	27.55
11	25.00	30.05
12	27.50	32.55
13	30.00	35.05
14	32.50	37.55
15	35.00	40.05

Mates with: 2502W (wire connector, female, single row)

Part Number Information:



							General Tolerance	Zeakka Electronics				Document No.: ZK-2502BVT		
							.X ±0.3					Title: HEADER, VERTICAL, THT TYPE, SINGLE ROW, 2.50MM PITCH, TIN		
							.XX ±0.2							
							.XXX ±0.1					Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION	Kai Lee	Cris Wang	Jun Wei	2020.8.7	mm	1:1	A



PCB LAYOUT

Specifications:

Current Rating: 3.0A AC/DC
Voltage rating: 250V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 20mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 1000V AC/minute

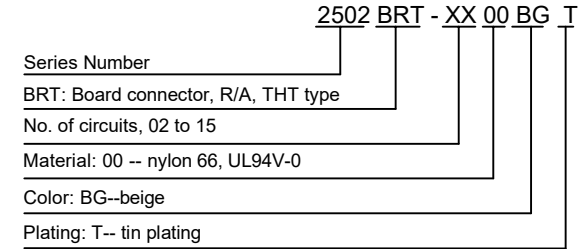
Material:

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

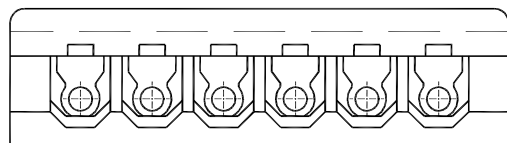
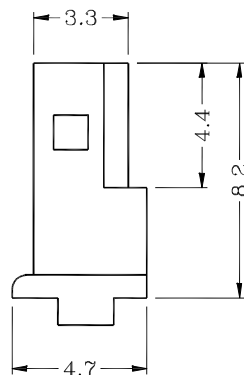
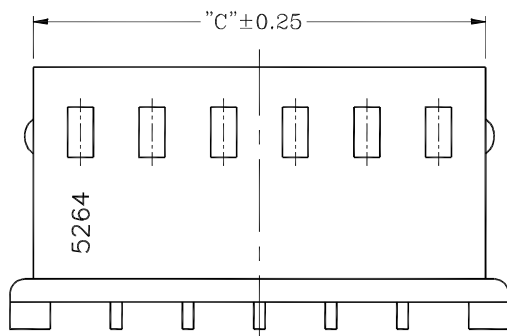
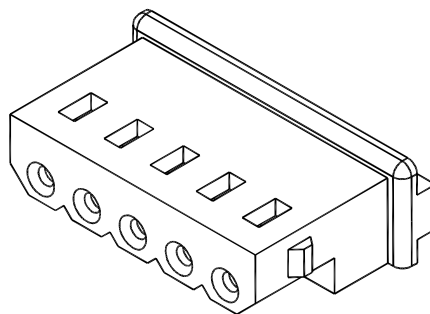
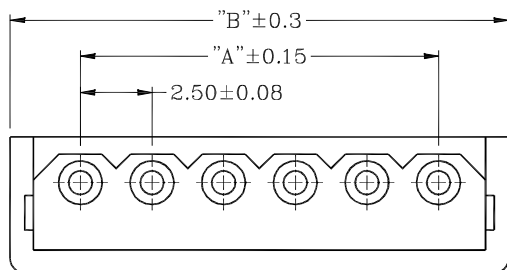
Circuits	Dimensions (mm)	
	A	B
2	2.50	7.50
3	5.00	10.00
4	7.50	12.50
5	10.00	15.00
6	12.50	17.50
7	15.00	20.00
8	17.50	22.50
9	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00

Mates with: 2502W (wire connector, female, single row)

Part Number Information:



							General Tolerance	Zeakka Electronics				Document No.: ZK-2502BRT		
							.X ±0.3					Title: HEADER, R/A, THT TYPE, SINGLE ROW, 2.50MM PITCH, TIN		
							.XX ±0.2							
							.XXX ±0.1					Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION	Kai Lee	Cris Wang	Jun Wei	2020.8.7	mm	1:1	A



Specifications:

Current Rating: 3.0A AC/DC
Voltage rating: 250V AC/DC
Temperature range: -25°C to +85°C
Contact resistance: 20mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 1000V AC/minute

Material:

Housing: nylon 66, UL94V-0, beige

Mates with: 2502BVT (header, vertical, THT type)
2502BRT (header, R/A, THT type)

Used with: 2502TF-PT (female terminal)

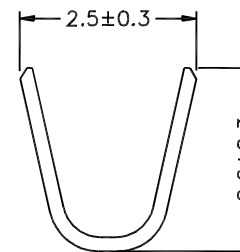
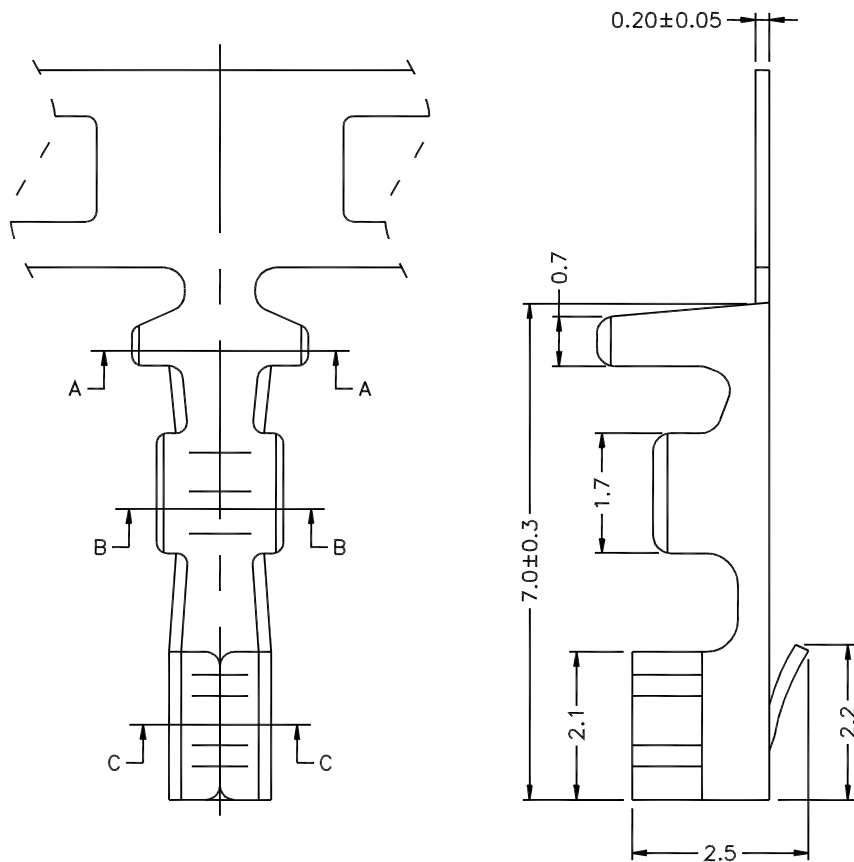
Part Number Information:

2502 W - XX 00 BG

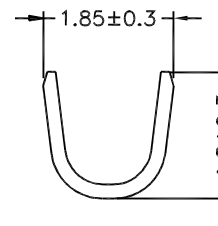
Series Number
W: wire connector, female
No. of circuits, 02 to 15
Material: 00-- nylon 66, UL94V-0
Color: BG -- beige

Circuits	Dimensions (mm)		
	A	C	B
2	2.50	7.40	5.85
3	5.00	9.90	8.35
4	7.50	12.40	10.85
5	10.00	14.90	13.35
6	12.50	17.40	15.85
7	15.00	19.90	18.35
8	17.50	22.40	20.85
9	20.00	24.90	23.35
10	22.50	27.40	25.85
11	25.00	29.90	28.35
12	27.50	32.40	30.85
13	30.00	34.90	33.35
14	32.50	37.40	35.85
15	35.00	39.90	38.35

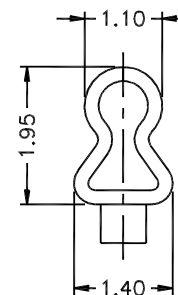
							General Tolerance	Zeakka Electronics				Document No.: ZK-2502WF		
							.X ±0.3					Title: HOUSING, FEMALE, CRIMP TYPE, SINGLE ROW, 2.50MM PITCH		
							.XX ±0.2							
							.XXX ±0.1					Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION	Kai Lee	Cris Wang	Jun Wei	2020.8.7	mm	1:1	A



A-A



B-B



Specifications:

Current Rating: 1.0A AC/DC
 Voltage rating: 125V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 20mΩ max.
 Insulation resistance: 100MΩ min.
 Withstand voltage: 500V AC/minute
 Applicable wire: AWG30 - AWG26
 Insulation OD: max 1.0mm
 Package: 20000pcs / reel

Material:

Phosphor bronze

Used with: 2502W (female housing)

Part Number Information:

2502 TF - P T

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

							General Tolerance	Zeakka Electronics				Document No.: ZK-2502TF		
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, PHOSPHOR BRONZE, TIN, REEL		
							.XX ±0.2					Dimensions	Scale	Version
							.XXX ±0.1					mm	1:1	A
Date	Version	EC No.	Description	DRWN	CH'K	APPR	THIRD ANGLE PROJECTION	Kai Lee	Cris Wang	Jun Wei	2020.8.7			