

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: 500MΩ min.
 Withstand voltage: 1500V AC/minute

Material:

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

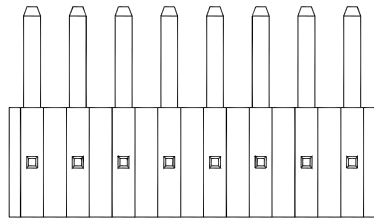
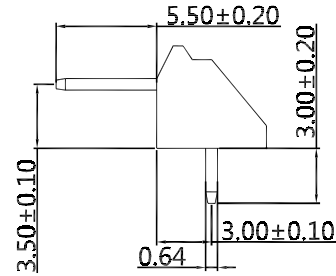
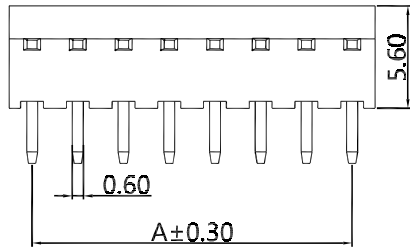
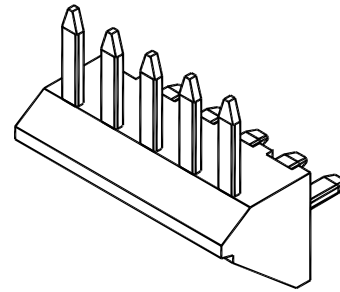
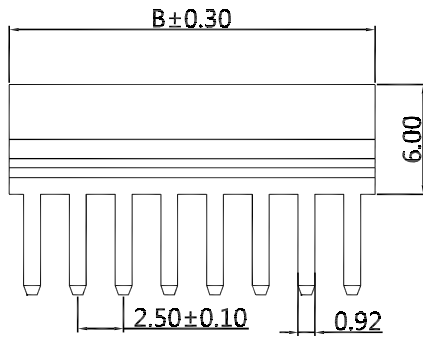
Mates with: 2504W (wire connector)

Part Number Information:

Series Number: 2504 BVT - XX 00 WH T
 BVT: Board connector, vertical, THT type
 No. of circuits, 02 to 16
 Material: 00 -- nylon 66, UL94V-0
 Color: WH--white
 Plating: T-- tin plating

Circuits	Dimensions (mm)	
	A	B
2	2.50	5.00
3	5.00	7.50
4	7.50	10.00
5	10.00	12.50
6	12.50	15.00
7	15.00	17.50
8	17.50	20.00
9	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00

							General Tolerance	Zeakka Electronics				Document No.: ZK-2504BVT						
							.X ±0.3					Title: HEADER, VERTICAL, THT TYPE, SINGLE ROW, 2.5MM PITCH, TIN						
							.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											



PCB Layout

Specifications:

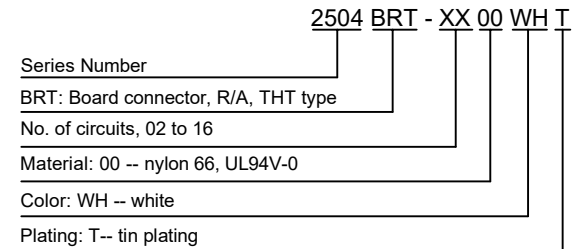
Current Rating: 3.0A AC/DC
 Voltage rating: 250V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 20mΩ max.
 Insulation resistance: 500MΩ min.
 Withstand voltage: 1500V AC/minute

Material:

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

Mates with: 2504W (wire connector)

Part Number Information:



Circuits	Dimensions (mm)	
	A	B
2	2.50	5.00
3	5.00	7.50
4	7.50	10.00
5	10.00	12.50
6	12.50	15.00
7	15.00	17.50
8	17.50	20.00
9	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00

							General Tolerance	Zeakka Electronics				Document No.: ZK-2504BRT		
							.X ±0.3					Title: HEADER, R/A, THT TYPE, SINGLE ROW, 2.5MM 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
2	2.50	5.90
3	5.00	8.40
4	7.50	10.90
5	10.00	13.40
6	12.50	15.90
7	15.00	18.40
8	17.50	20.90
9	20.00	23.40
10	22.50	25.90
11	25.00	28.40
12	27.50	30.90
13	30.00	33.40
14	32.50	35.90
15	35.00	38.40
16	37.50	40.90
17	40.00	43.40
18	42.50	45.90
19	45.00	48.40
20	47.50	50.90
21	50.00	53.40
22	52.50	55.90
23	55.00	58.40
24	57.50	60.90
25	60.00	63.40

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: 500MΩ min.
Withstand voltage: 1500V AC/minute

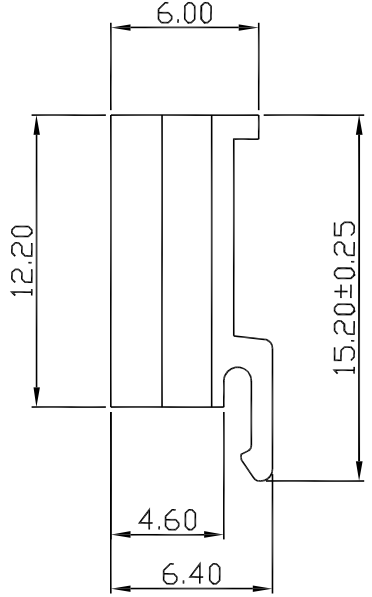
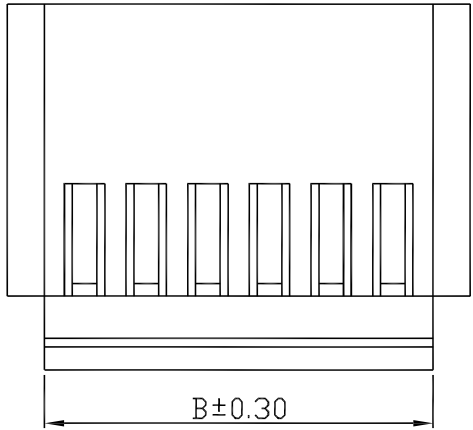
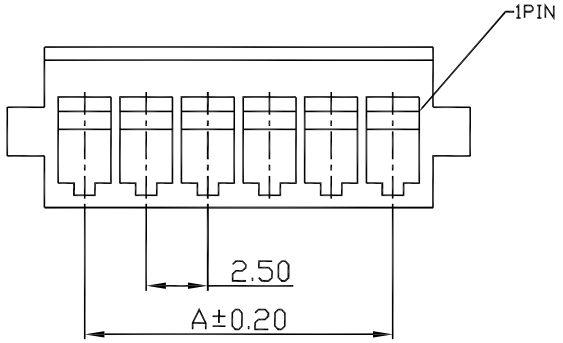
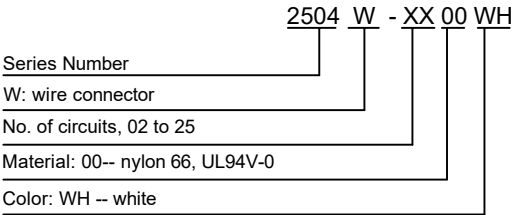
Material:

Housing: nylon 66, UL94V-0, white

Mates with: 2504BVT (header, vertical, THT type)
2504BRT (header, R/A, THT type)

Used with: 2504TF-PT (female terminal)

Part Number Information:



							General Tolerance	Zeakka Electronics				Document No.: ZK-2504W		
							.X ± 0.3					Title: HOUSING, FEMALE, CRIMP TYPE, SINGLE ROW, 2.5MM 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:

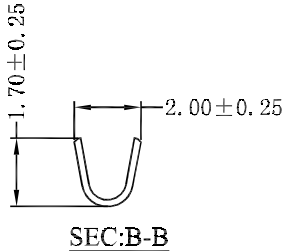
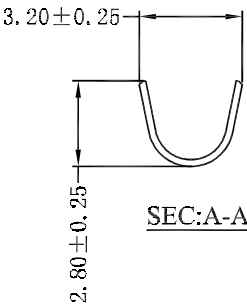
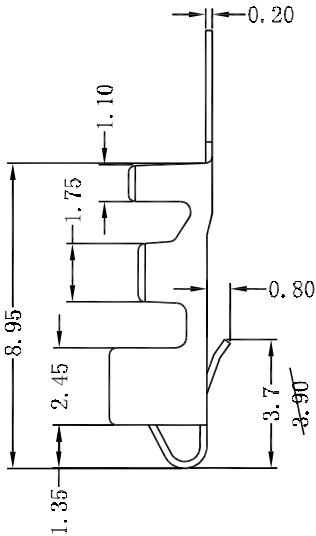
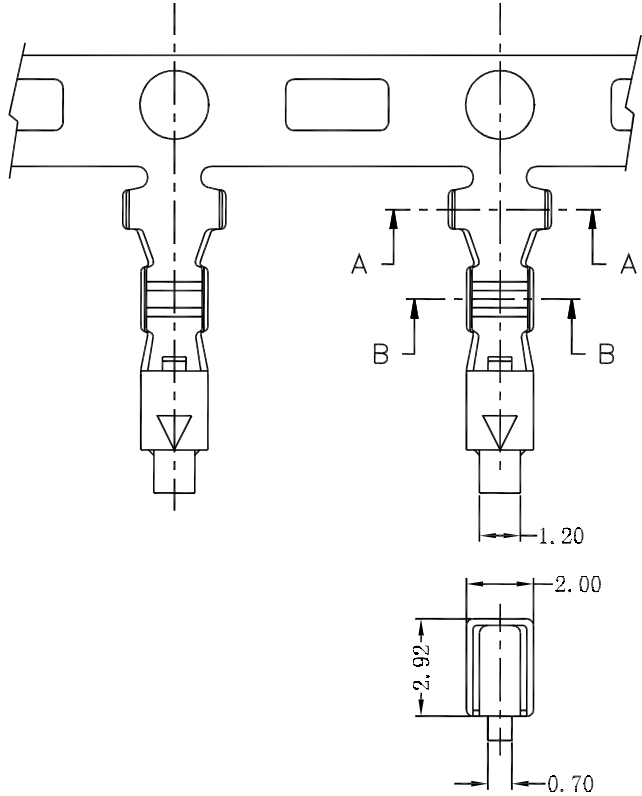
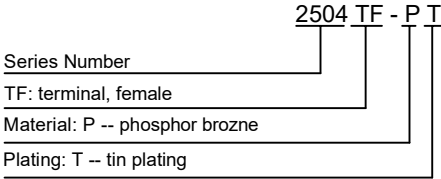
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 Voltage rating: 250V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 20mΩ max.
 Insulation resistance: 500MΩ min.
 Withstand voltage: 1500V AC/minute
 Applicable wire: AWG28 - AWG22
 Insulation OD: max 1.80mm

Material:

Phosphor bronze

Used with: 2504W (wire connector)

Part Number Information:



							General Tolerance	<h1>Zeakka Electronics</h1>				Document No.: ZK-2504TF						
							.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											