

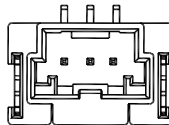
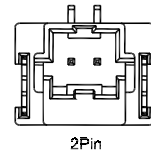
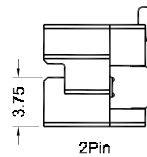
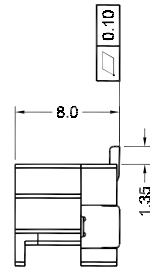
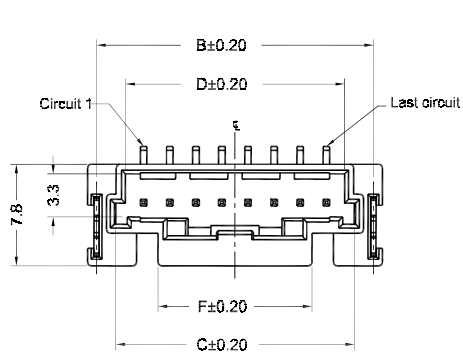
Specifications:

Current Rating: 3.0A AC/DC
 Voltage rating: 125V AC/DC
 Temperature range: -40°C to +105°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 500V AC/minute
 Package: tape & reel

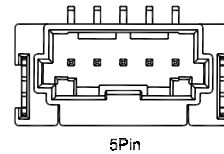
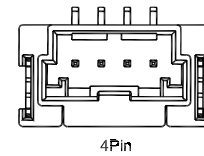
Circuits	Dimensions (mm)					
	A	B	C	D	E	F
2	10.60	9.23	6.30	4.80	2.00	6.30
3	12.60	11.23	8.30	6.80	4.00	8.30
4	14.60	13.23	10.30	8.80	6.00	10.30
5	16.60	15.23	12.30	10.80	8.00	12.30
6	18.60	17.23	14.30	12.80	10.00	14.30
7	20.60	19.23	16.30	14.80	12.00	16.30
8	22.60	21.23	18.30	16.80	14.00	18.30
9	24.60	23.23	20.30	18.80	16.00	20.30
10	26.60	25.23	22.30	20.80	18.00	22.30
11	28.60	27.23	24.30	22.80	20.00	24.30
12	30.60	29.23	26.30	24.80	22.00	26.30
13	32.60	31.23	28.30	26.80	24.00	28.30
14	34.60	33.23	30.30	28.80	26.00	30.30
15	36.60	35.23	32.30	30.80	28.00	32.30

Material:

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



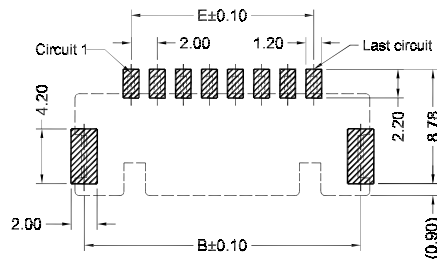
Mates with: 2009W (wire connector)



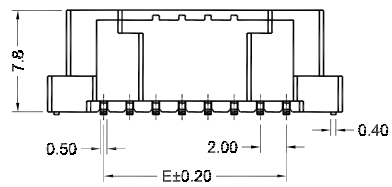
Part Number Information:

2009 BVS - XX 09 BG M

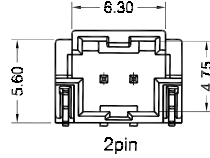
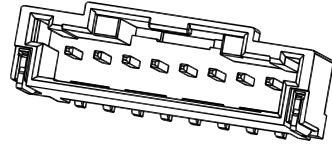
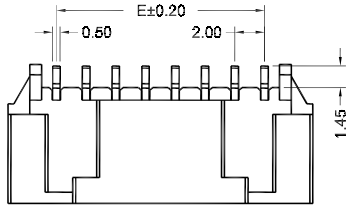
Series Number
 BVS: Board connector, vertical, SMT type
 No. of circuits: 02 to 15
 Material: 09 -- nylon 9T, UL94V-0
 Color: BG--beige
 Plating: M -- matte tin plating



RECOMMENDED P.C.B LAYOUT
 (TOLERANCE: ±0.05)



							General Tolerance	Zeakka Electronics				Document No.: ZK-2009BVS		
							.X ±0.3					Title: HEADER, VERTICAL, SMT TYPE, SINGLE ROW, 2.0MM PITCH, MATTE 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							



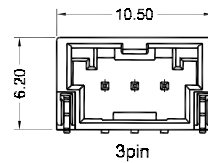
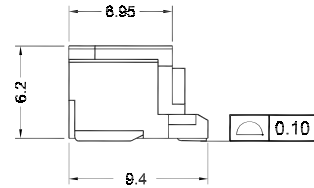
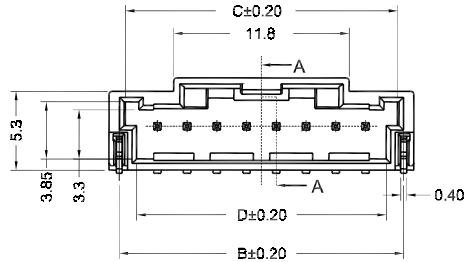
Specifications:

Current Rating: 3.0A AC/DC
 Voltage rating: 125V AC/DC
 Temperature range: -40°C to +105°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 500V AC/minute
 Package: tape & reel

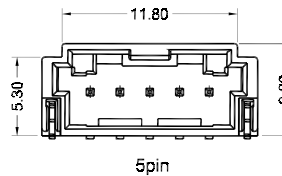
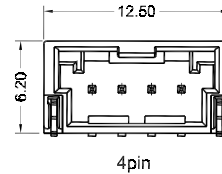
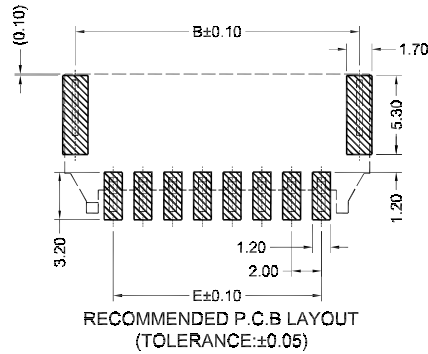
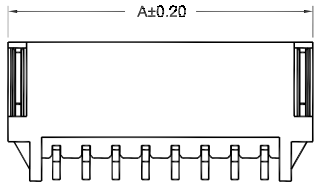
Material:

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

Circuits	Dimensions (mm)				
	A	B	C	D	E
2	8.50	7.13	6.30	4.80	2.00
3	10.50	9.13	8.30	6.80	4.00
4	12.50	11.13	10.30	8.80	6.00
5	14.50	13.13	12.30	10.80	8.00
6	16.50	15.13	14.30	12.80	10.00
7	18.50	17.13	16.30	14.80	12.00
8	20.50	19.13	18.30	16.80	14.00
9	22.50	21.13	20.30	18.80	16.00
10	24.50	23.13	22.30	20.80	18.00
11	26.50	25.13	24.30	22.80	20.00
12	28.50	27.13	26.30	24.80	22.00
13	30.50	29.13	28.30	26.80	24.00
14	32.50	31.13	30.30	28.80	26.00
15	34.50	33.13	32.30	30.80	28.00



Mates with: 2009W (wire connector)

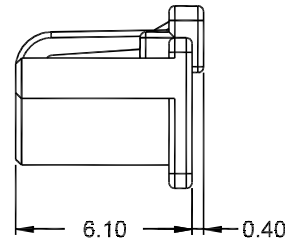
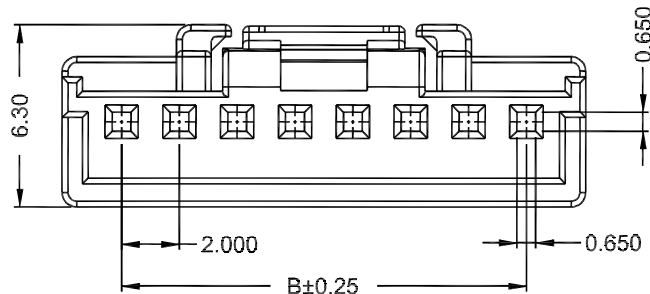
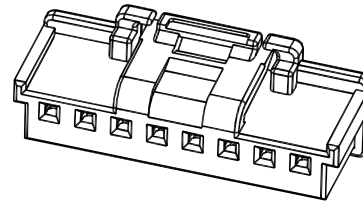
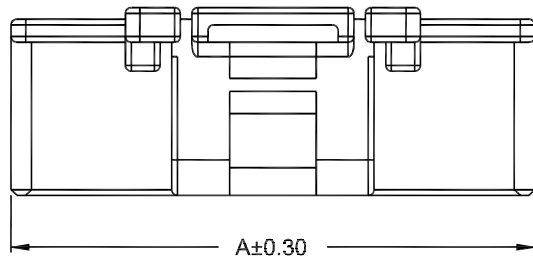


Part Number Information:

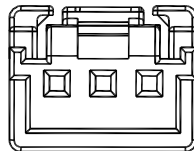
2009 BRS - XX 09 BG M

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: M -- matte tin plating

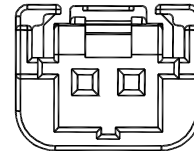
							General Tolerance	Zeakka Electronics				Document No.: ZK-2009BRS		
							.X ±0.3					Title: HEADER, R/A, SMT TYPE, SINGLE ROW, 2.0MM PITCH, MATTE TIN		
							.XX ±0.2	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version
Date	Version	EC No.	Description	DRWN	CH'K	APPR	.XXX ±0.1	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A
							THIRD ANGLE PROJECTION							



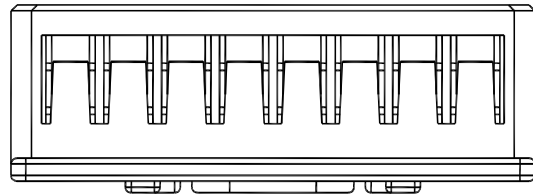
05P~15P Shape
Scale 1:1



03P~04P Shape
Scale 0.8:1



02P Shape
Scale 0.8:1



Specifications:

Current Rating: 3.0A AC/DC
 Voltage rating: 125V AC/DC
 Temperature range: -25°C to +85°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 500V AC/minute

Material:

Housing: nylon 66, UL94V-0, white

Mates with: 2009BVS (header, vertical, SMT type)
 2009BRS (header, R/A, SMT type)

Used with: 2009TF-PX (female terminal)

Part Number Information:

Series Number: 2009 W - XX 00 WH
 W: wire connector
 No. of circuits: 02 to 15
 Material: 00-- nylon 66, UL94V-0
 Color: WH -- white

Circuits	Dimensions (mm)	
	A	B
2	8.00	2.00
3	8.10	4.00
4	10.10	6.00
5	12.10	8.00
6	14.10	10.00
7	16.10	12.00
8	18.10	14.00
9	20.10	16.00
10	22.10	18.00
11	24.10	20.00
12	26.10	22.00
13	28.10	24.00
14	30.10	26.00
15	32.10	28.00

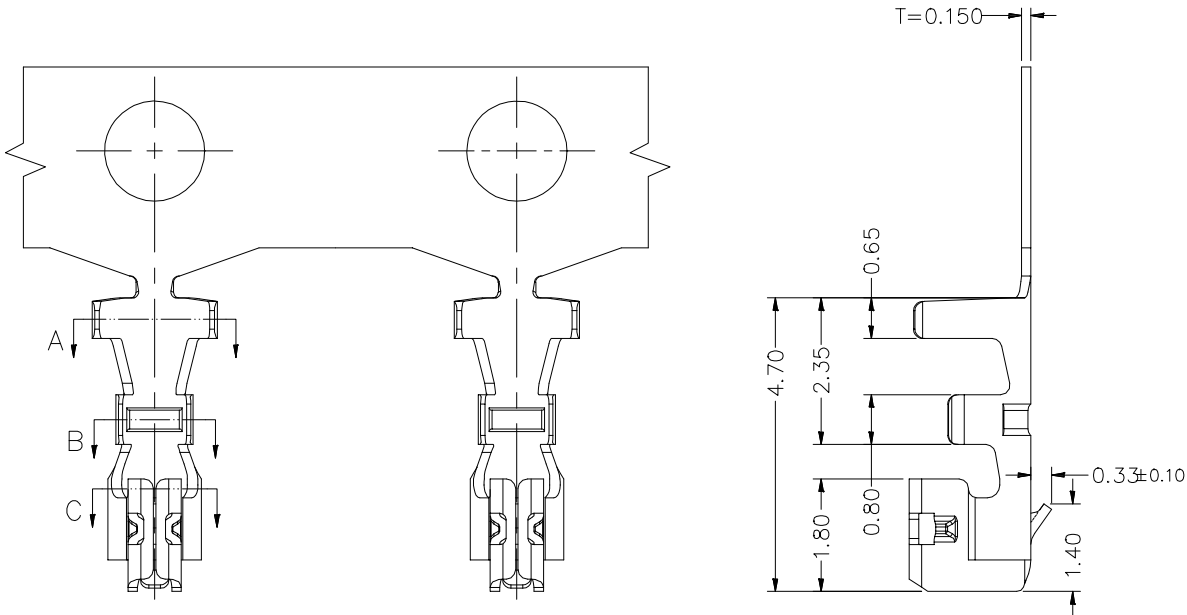
Date	Version	EC No.	Description	DRWN	CH'K	APPR	General Tolerance	Zeakka Electronics				Document No.:	ZK-2009W		
							.X ±0.3	APPR	CH'K	DRWN	Date	Dimensions	Scale	Version	
							.XX ±0.2	Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A	
							.XXX ±0.1								
							THIRD ANGLE PROJECTION								

Specifications:

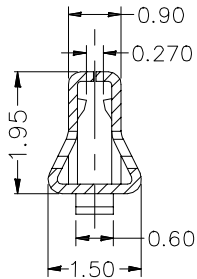
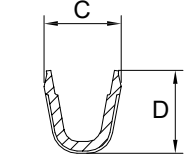
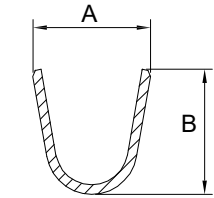
Current Rating: 3.0A AC/DC
 Voltage rating: 125V AC/DC
 Temperature range: -40°C to +105°C
 Contact resistance: 20mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 1000V AC/minute
 Applicable wire: AWG26 - AWG20
 Insulation OD: max 1.4mm / 1.5mm
 Package: reel

Material: Phosphor bronze

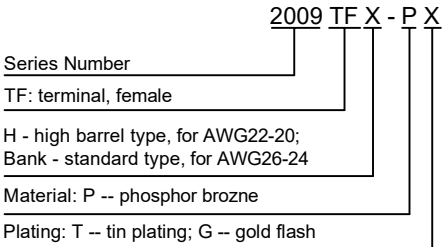
Used with: 2009W (wire connector)



Part Number	Dim. A	Dim. B	Dim. C	Dim. D	wire size	Insulation OD
2009TF-PT	1.88	2.00	1.23	1.33	AWG#24-26	max 1.50mm
2009TFH-PT	1.88	2.00	1.85	1.8	AWG#20-22	max 1.40mm



Part Number Information:



Date	Version	EC No.	Description	DRWN	CH'K	APPR	General Tolerance				Zeakka Electronics				Document No.: ZK-2009TF		
							.X ±0.3				.XX ±0.2				.XXX ±0.1		
							APPR	CH'K	DRWN	Date	Dimensions	Scale	Version				
							Kai Lee	Cris Wang	Jun Wei	2020.8.8	mm	1:1	A				

Circuits	Dimensions (mm)		
	A	B	C
2	4.60	2.00	8.00
3	6.60	4.00	9.80
4	8.60	6.00	11.80
5	10.60	8.00	13.80
6	12.60	10.00	15.80
7	14.60	12.00	17.80
8	16.60	14.00	19.80
9	18.60	16.00	21.80
10	20.60	18.00	23.80
11	22.60	20.00	25.80
12	24.60	22.00	27.80
13	26.60	24.00	29.80
14	28.60	26.00	31.80
15	30.60	28.00	33.80

Specifications:

Current Rating: 3.0A AC/DC
Voltage rating: 125V AC/DC
Temperature range: -40°C to +125°C
Contact resistance: 10mΩ max.
Insulation resistance: 1000MΩ min.
Withstand voltage: 500V AC/minute

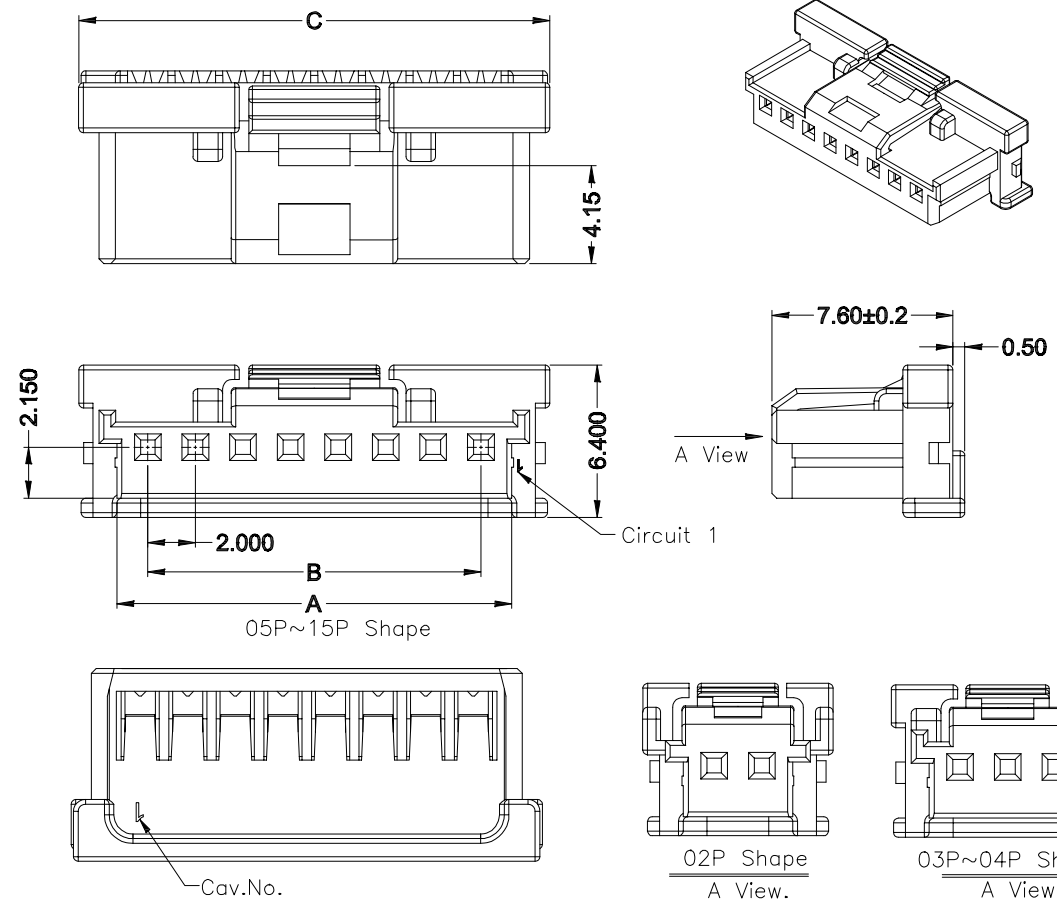
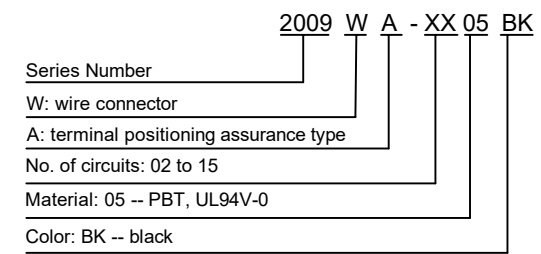
Material:

Housing: PBT, UL94V-0, black

Mates with: 2009BVS (header, vertical, SMT type)
2009BRS (header, R/A, SMT type)

Used with: 2009TFA-PX (female terminal, TPA type)

Part Number Information:



Date	Version	EC No.	Description	DRWN	CH'K	APPR	General Tolerance	Zeakka Electronics				Document No.:	ZK-2009WA		
							.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	Title: HOUSING, FEMALE, CRIMP TYPE, SINGLE ROW, TPA TYPE, 2.0MM PITCH							
							THIRD ANGLE PROJECTION								

Circuits	Dimensions (mm)		
	A	B	C
2	2.00	7.80	3.80
3	4.00	9.80	5.80
4	6.00	11.80	7.80
5	8.00	13.80	9.80
6	10.00	15.80	11.80
7	12.00	17.80	13.80
8	14.00	19.80	15.80
9	16.00	21.80	17.80
10	18.00	23.80	19.80
11	20.00	25.80	21.80
12	22.00	27.80	23.80
13	24.00	29.80	25.80
14	26.00	31.80	27.80
15	28.00	33.80	29.80

Specifications:

Current Rating: 3.0A AC/DC
 Voltage rating: 125V AC/DC
 Temperature range: -40°C to +125°C
 Contact resistance: 10mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 500V AC/minute

Material:

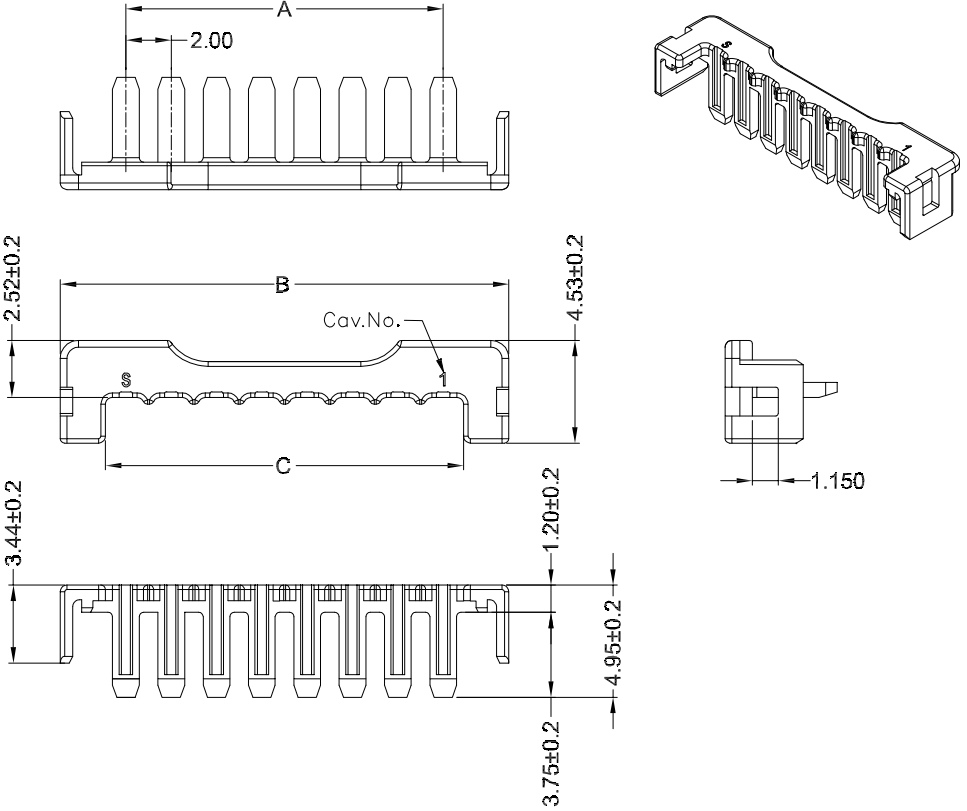
Housing: PBT, UL94V-0, black

Used with: 2009WA (female housing, TPA type)
 A2009TFA (female terminal, TPA type)

Part Number Information:

2009 TR - XX 05 BK

Series Number
 TR: terminal retainer
 No. of circuits: 02 to 15
 Material: 05 -- PBT, UL94V-0
 Color: BK -- black



							General Tolerance	Zeakka Electronics				Document No.: ZK-2009TR		
							.X ±0.3					Title: TERMINAL RETAINER, 2.0MM PITCH, FOR 2009WA		
							.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							
							⊕							

Specifications:

Current Rating: 2.0A AC/DC
 Voltage rating: 125V AC/DC
 Temperature range: -40°C to +105°C
 Contact resistance: 20mΩ max.
 Insulation resistance: 1000MΩ min.
 Withstand voltage: 1000V AC/minute
 Applicable wire: AWG26 - AWG22
 Insulation OD: max 1.50mm
 Package: reel

Material:

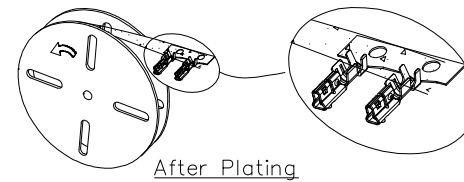
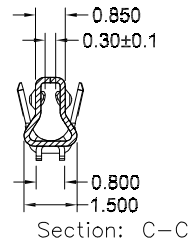
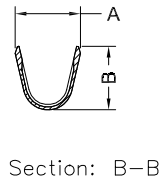
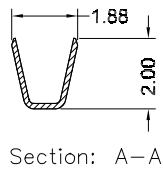
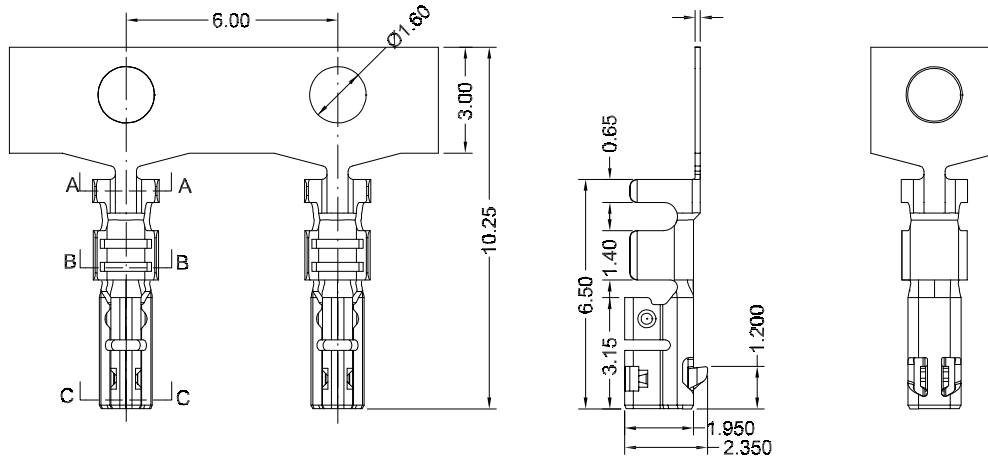
Phosphor bronze / C7025

Used with: 2009WA (wire connector, TPA type)

Part Number Information:

2009 TF A X - X X

Series Number
 TF: terminal, female
 A: terminal positioning assurance type
 H: high barrel; Blank: standard
 Material: P -- phosphor bronze; H - C7025
 Plating: T -- tin plating; G -- gold flash



Part Number	Dim. A	Dim. B	wire size	Insulation OD
2009TFA-XX	1.25	1.35	AWG#24-26	max 1.50mm
2009TFAH-XX	1.85	1.80	AWG#22	

							General Tolerance	Zeakka Electronics				Document No.: ZK-2009TFA		
							.X ±0.3					Title: TERMINAL, FEMALE, CRIMP TYPE, PHOSPHOR BRONZE, TPA TYPE, REEL		
							.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							