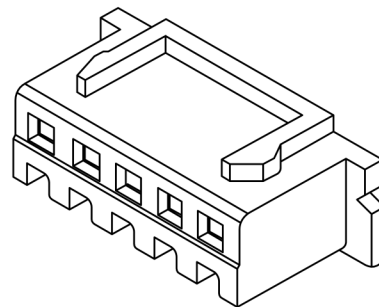
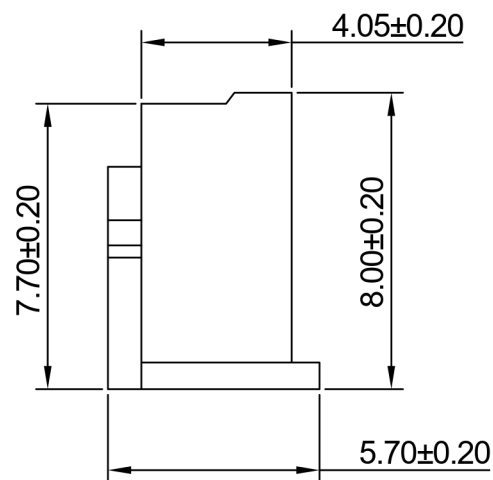
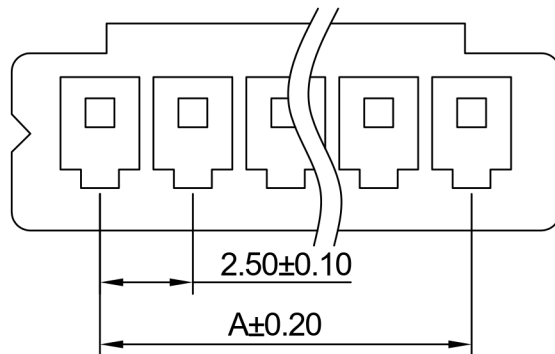
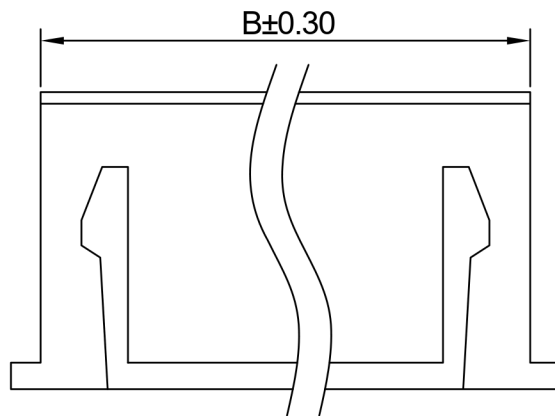


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Dimensions and drawings are
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Insulator
Insulation Resistance
Test Voltage
Voltage Rating
Current Rating
Temperature Range

Thermoplastic, rated UL94 V-0
1000 MΩ min.
1000 V AC
250 V AC
3.0 A
-25 °C ... +85 °C

PART NO.	Dimensions (mm)	
	A	B
02	2.50	5.70
03	5.00	8.20
04	7.50	10.70
05	10.00	13.20
06	12.50	15.70
07	15.00	18.20
08	17.50	20.70
09	20.00	23.20
10	22.50	25.70
11	25.00	28.20
12	27.50	30.70
13	30.00	33.20
14	32.50	35.70
15	35.00	38.20
16	37.50	40.75
17	40.00	43.20
18	42.50	45.70
19	45.00	48.20
20	47.50	50.70

Series Contacts * Type
46-527 — **10** **1**
02-20 1 Buchsengehäuse
 Housing

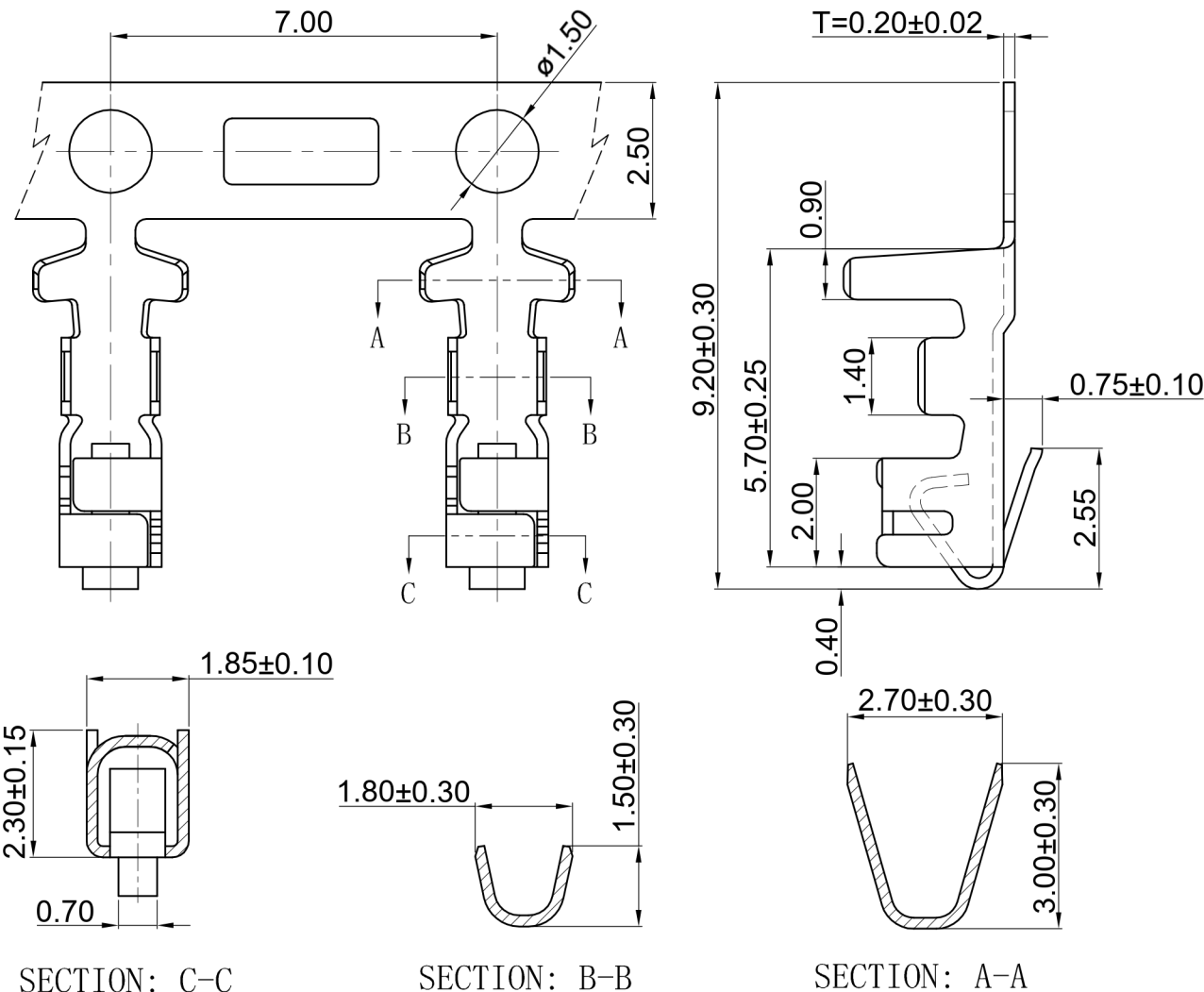
X.	±0.30
.X	±0.25
.XX	±0.20
.XXX	±0.05
Angle	±1°
DIM	TOL



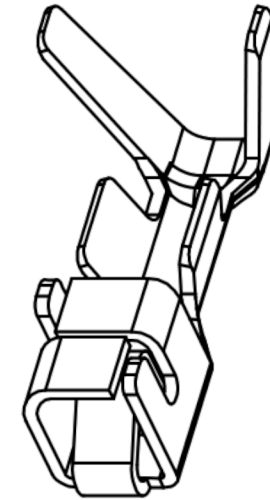
Serial Number 46 - 527				
Part Name Friction Lock Header / Crimp Housing, 2.50mm Pitch, Straight				
Creation date 2022-12-05	Drawn AL	Approved PS	Approval date 2022-12-05	
	REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 1/4

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Contact Material	Phosphor Bronze
Finish	Sn Plated
Contact Resistance	20 m Ω max.
Test Voltage	1000 V AC
Voltage Rating	250 V AC, DC
Current Rating	3.0 AAC, DC
Temperature Range	-25 °C ... +85 °C
Applicable wire	AWG #22 - #24



Series	Contact	Type	Plating
46-527	01	2	50
		2 Buchsenkontakte Crimp contacts	50 Verzinkt (Standard) Tin plated (Standard)

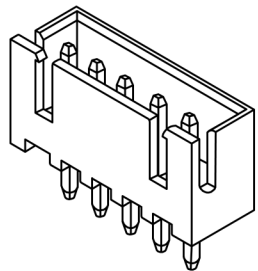
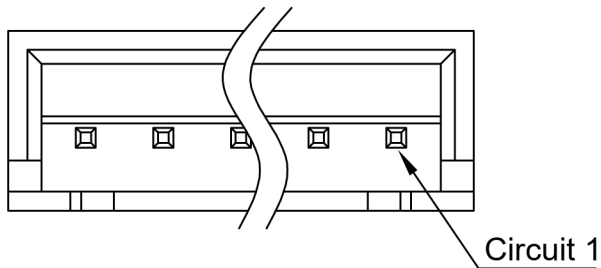
X.	± 0.30
.X	± 0.25
.XX	± 0.20
.XXX	± 0.05
Angle	$\pm 1^\circ$
DIM	TOL



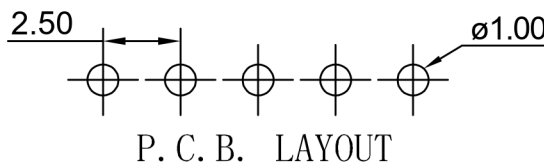
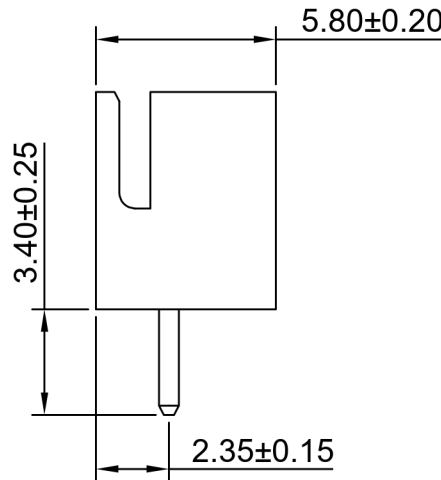
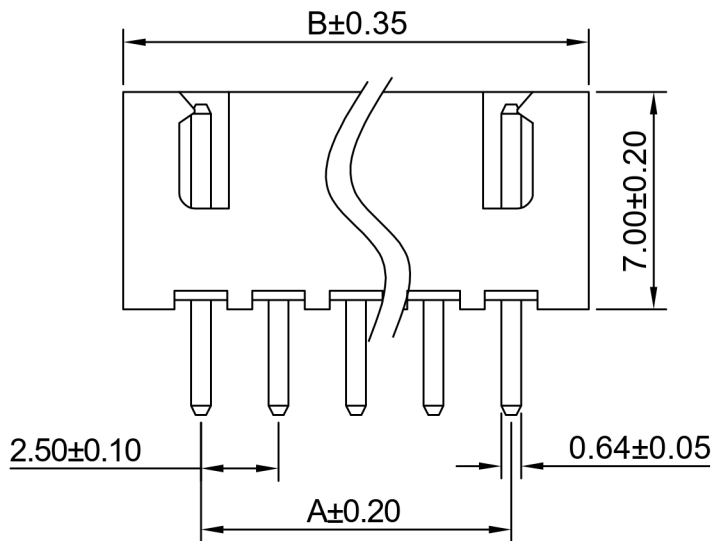
Serial Number 46 - 527			
Part Name Friction Lock Header / Crimp Contact			
Creation date 2022-12-05	Drawn AL	Approved PS	Approval date 2022-10-20
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 2/4

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Insulator	Thermoplastic, rated UL94 V-0
Contact Material	Square pin 0.64mm, copper alloy
Contact Resistance	20 mΩ max.
Insulation Resistance	1000 MΩ min.
Test Voltage	1000 V AC / minute
Voltage Rating	250 V AC / DC
Current Rating	3.0 A
Temperature Range	-25 °C ... +85 °C
Processing	Wave soldering



Series

46-527

Contacts *

15

02-20

Type

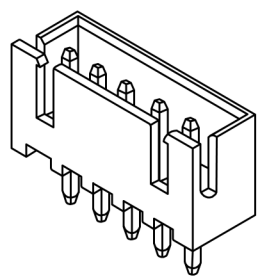
3

3 Stifteleiste gerade
Straight pin header

Plating

50

50 Verzinkt
Tin plated

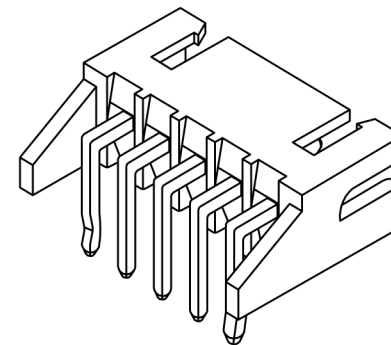
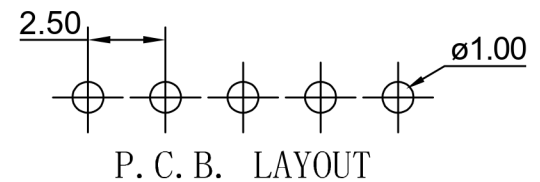
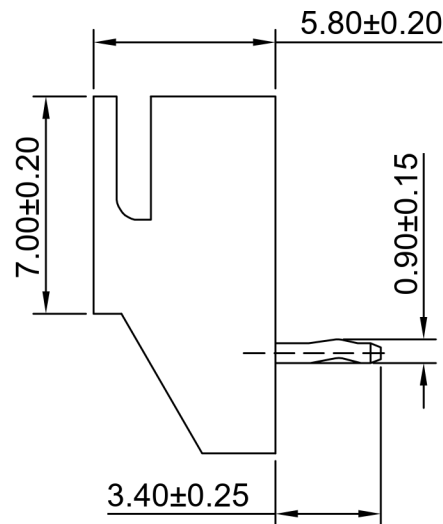
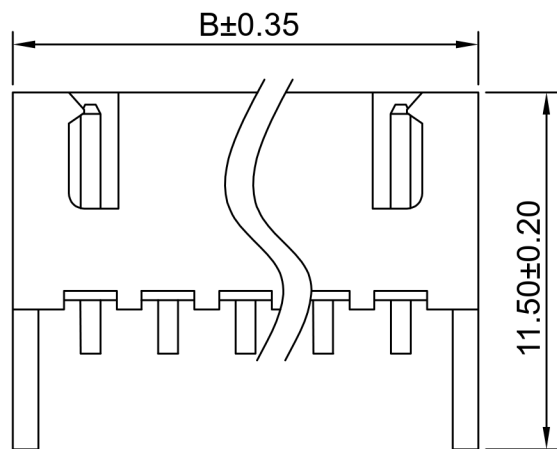
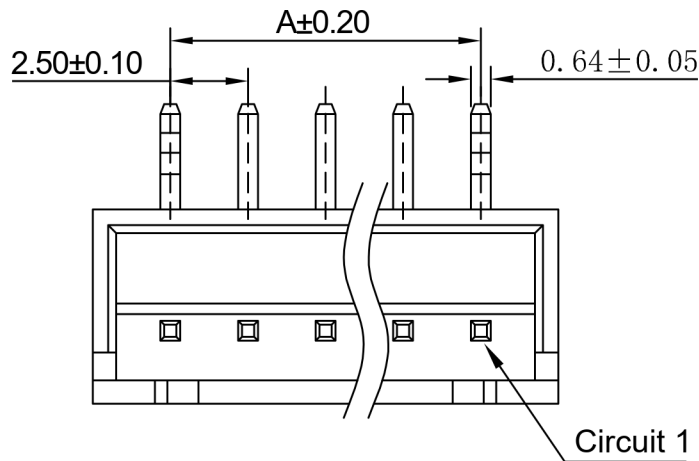


Part No	Dimension (mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

X.	±0.30	 WE CONNECT IT®	Serial Number 46 - 527	
.X	±0.25		Part Name Friction Lock Header 2.50mm Pitch, Straight	
.XX	±0.20		Creation date 2022-11-24	Drawn AL
.XXX	±0.05		Approved PS	Approval date 2022-11-24
Angle	±1°		Scale %	
DIM	TOL		REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant	
			Sheet 3/4	

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Part No	Dimension (mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	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
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

Series **46-527** Contacts * **12** Type **4** Plating **50**
02-20 4 Stiffleiste gewinkelt Right-angled pin header 50 Verzinnt (Standard) Tin plated (Standard)

X.	± 0.30
.X	± 0.25
.XX	± 0.20
.XXX	± 0.05
Angle	$\pm 1^\circ$
DIM	TOL



Serial Number 46 - 527			
Part Name Friction Lock Header, 2.50mm Pitch, Right-Angled			
Creation date 2022-11-24	Drawn AL	Approved PS	Approval date 2022-11-24
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 4/4