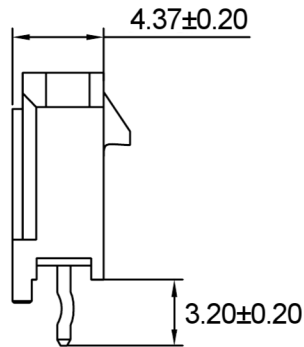
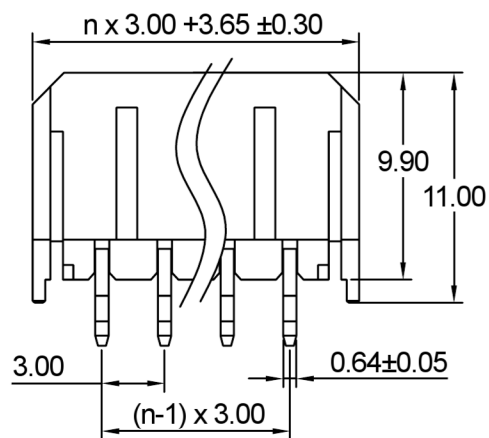
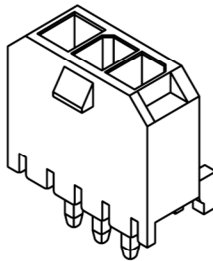
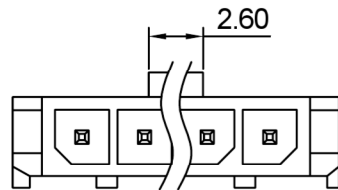
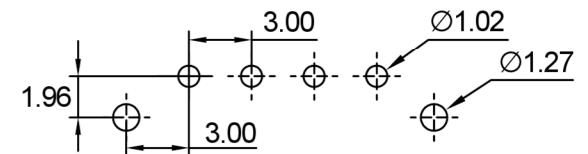
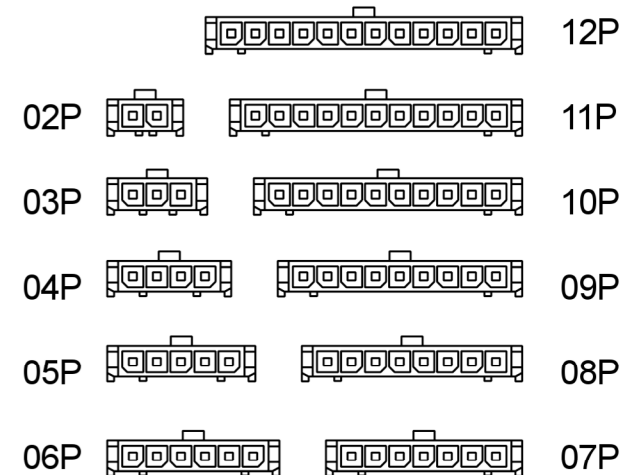


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Insulator Material	Thermoplastic, rated UL94 V-0
Insulator Colour	Black
Contact Material	Copper alloy
Contact Plating	Sn over Ni
Contact Resistance	< 20 mΩ
Insulation Resistance	> 1000 MΩ
Test Voltage	1.5 kV AC
Voltage Rating	250 V AC, DC
Current Rating	5 A AC, DC
Temperature Range	-25 °C ... +85 °C
Processing	Wave soldering



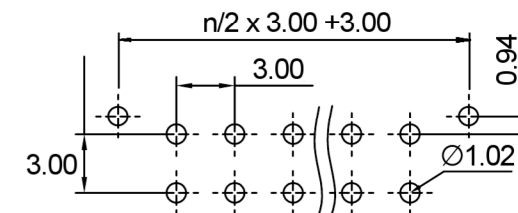
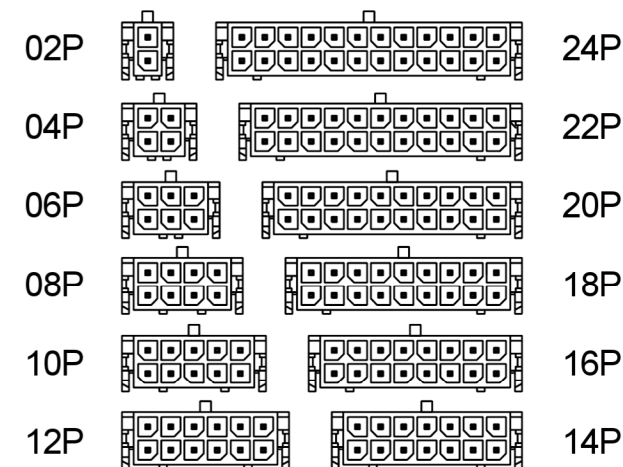
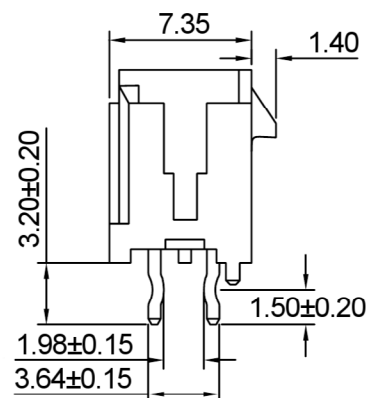
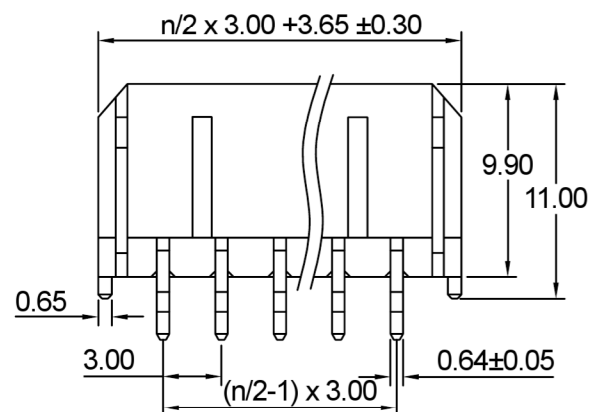
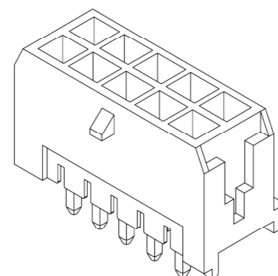
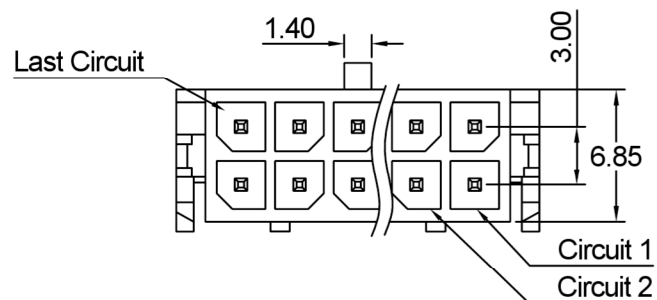
PCB Layout

Series	Contacts*	Type	Rows	Plating
46-583	04	3	1	50
	02-12 Einreihig Single row	3 Stiflleiste gerade Straight pin header	1 Einreihig Single row	50 Verzinnt Tin plated



Serial Number 46-583			
Part Name Friction Lock Pin Header, 3.00mm Pitch			
Creation date 2018-02-02	Drawn UK	Approved PS	Approval date 2018-02-06
	RoHS 2011/65/EU compliant	Scale %	Sheet

Insulator Material	Thermoplastic, rated UL94 V-0
Insulator Colour	Black
Contact Material	Copper alloy
Contact Plating	Sn over Ni
Contact Resistance	< 20 mΩ
Insulation Resistance	> 1000 MΩ
Test Voltage	1.5 kV AC
Voltage Rating	250 V AC, DC
Current Rating	5 A AC, DC
Temperature Range	-25 °C ... +85 °C
Processing	Wave soldering



PCB Layout

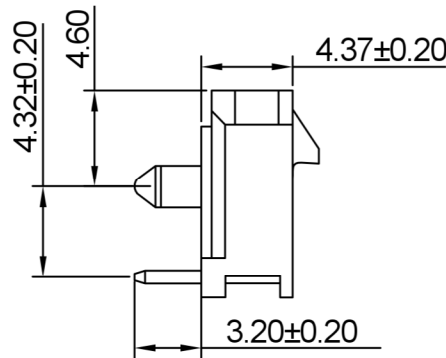
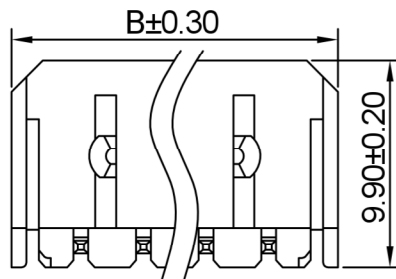
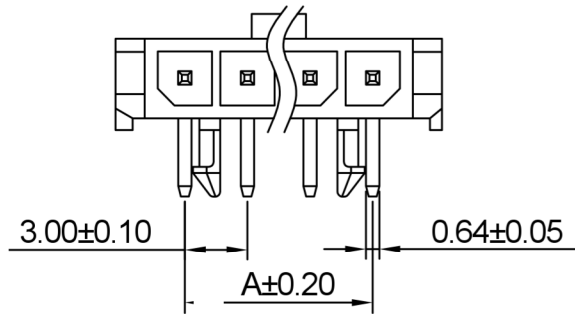
Series	Contacts	Type	Rows	Plating
46-583	04	3	2	50
	02-24 Zweireihig Double row	3 Stiffliste gerade Straight pin header	2 Zweireihig Double row	50 Verzinkt Tin plated



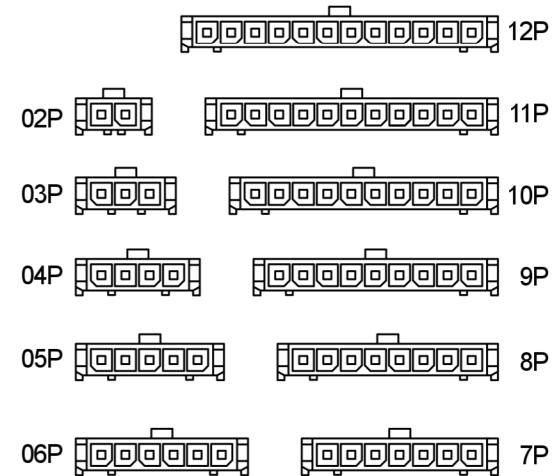
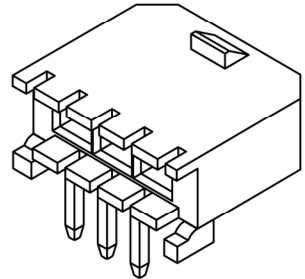
Serial Number 46-583			
Part Name Friction Lock Pin Header, 3.00mm Pitch			
Creation date 2018-02-02	Drawn UK	Approved PS	Approval date 2018-02-06
	RoHS 2011/65/EU compliant	Scale %	Sheet

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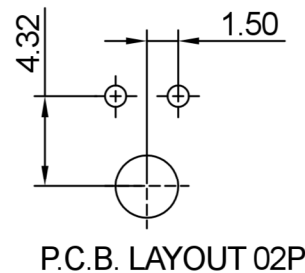
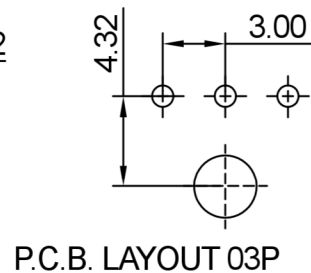
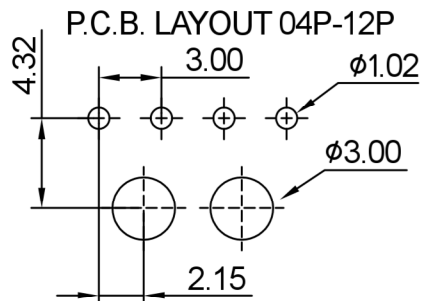
Specifications	
Insulator Material	Thermoplastic, rated UL94 V-0
Insulator Colour	Black
Contact Material	Copper alloy
Contact Resistance	20 mΩ max.
Insulation Resistance	1000 MΩ min.
Test Voltage	1500 V AC
Voltage Rating	250 V AC, DC
Current Rating	5 A AC, DC
Temperature Range	-25 °C ... +85 °C



CIRCUIT SIZE LAYOUT

Number of Poles	Dimensions (mm)	
	A	B
02	3,00	9,65
03	6,00	12,65
04	9,00	15,65
05	12,00	18,65
06	15,00	21,65
07	18,00	24,65
08	21,00	27,65
09	24,00	30,65
10	27,00	33,65
11	30,00	36,65
12	33,00	39,65

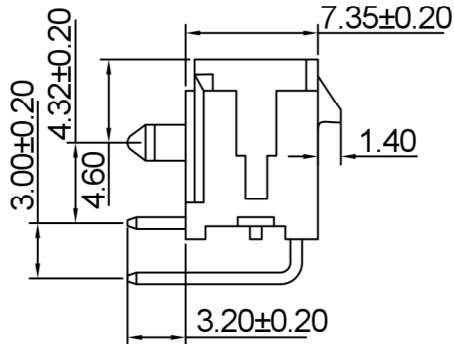
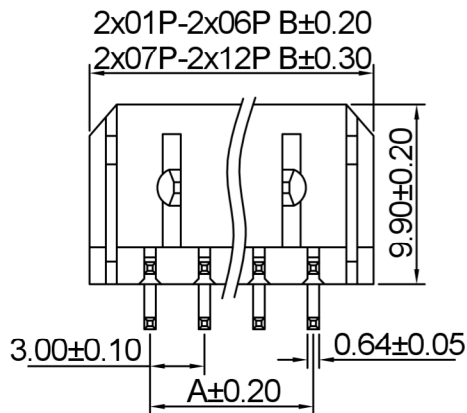
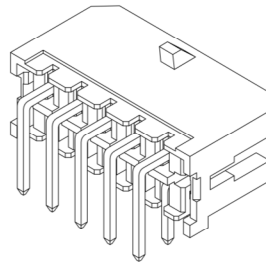
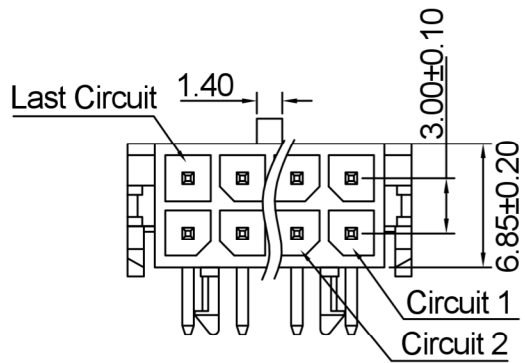
Series	Contacts	Type	Rows	Plating
46-583	04 02-12	4 4 Stiffleiste gewinkelt Right-angled pin header	1 1 einreihig Single row	50 50 Verzinkt Tin plated



Serial Number 46-583			
Part Name Friction Lock Pin Header, 3.00mm Pitch			
Creation date 2018-01-31	Drawn AL	Approved PS	Approval date 2018-01-31
RoHS 2011/65/EU compliant		Scale %	Sheet 2/2

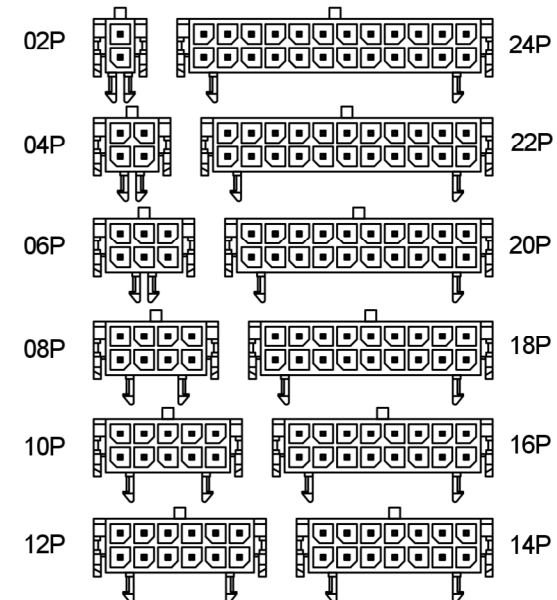
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Specifications
Insulator Material
Insulator Colour
Contact Material
Contact Resistance
Insulation Resistance
Test Voltage
Voltage Rating
Current Rating
Temperature Range

Thermoplastic, rated UL94 V-0
Black
Copper alloy
20 mΩ max.
1000 MΩ min.
1500 V AC
250 V AC, DC
5 A AC, DC
-25 °C ... +85 °C



Number of Poles	Dimensions (mm)	
	A	B
02	—	6,65
04	3,00	9,65
06	6,00	12,65
08	9,00	15,65
10	12,00	18,65
12	15,00	21,65
14	18,00	24,65
16	21,00	27,65
18	24,00	30,65
20	27,00	33,65
22	30,00	36,65
24	33,00	39,65

Series

46-583

Contacts

04

02-24

Type

4

4 Stiffleiste gewinkelt
Right-angled pin header

Rows

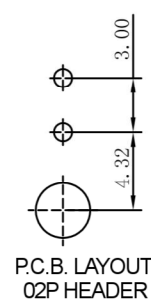
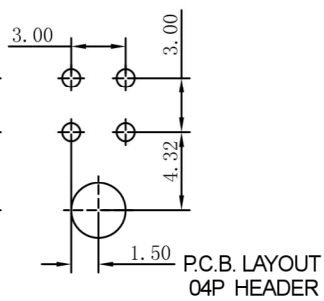
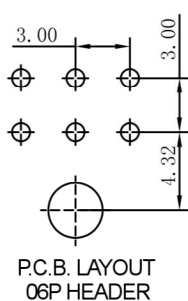
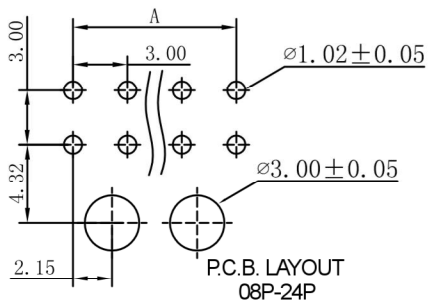
2

2 Zweireihig
Double row

Plating

50

50 Verzinnt
Tin plated



W+P
WE CONNECT IT

Serial Number

46-583

Part Name

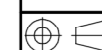
Friction Lock Pin Header, 3.00mm Pitch

Creation date
2018-01-31

Drawn
AL

Approved
PS

Approval date
2018-01-31



Scale
%

Sheet
2/2