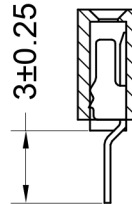
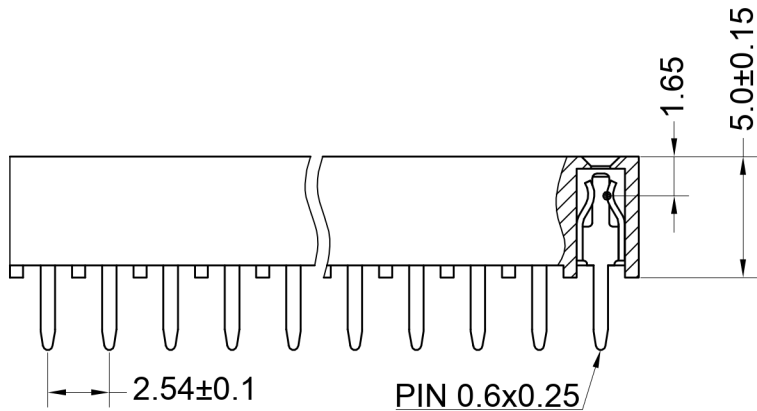
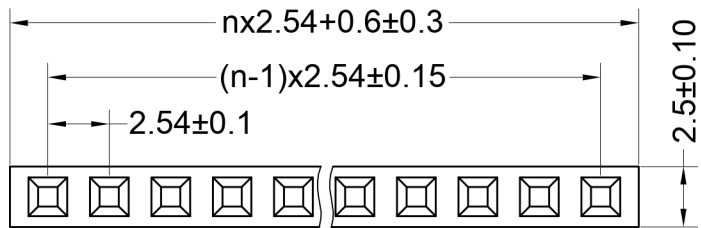
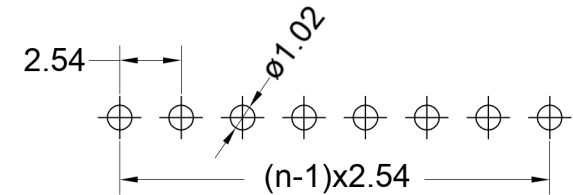


On release of the data sheet, previous releases are no longer valid. Dimensions and tolerances are subject to change.



Insulator	Thermoplastic, rated UL94 V-0
Contact Material	Copper alloy
Contact Surface	Au over Ni
Contact Resistance	20 mΩ max.
Insulation Resistance	1000 MΩ min.
Test Voltage	1000 V AC/DC
Current Rating	3 A
Temperature Range	-40 °C ... +105 °C
Processing Temperature	230 °C for 30-60 seconds (260 °C for 10 seconds)

Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Mates with □0.635mm pin header

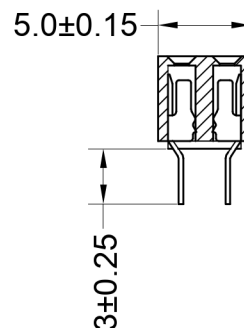
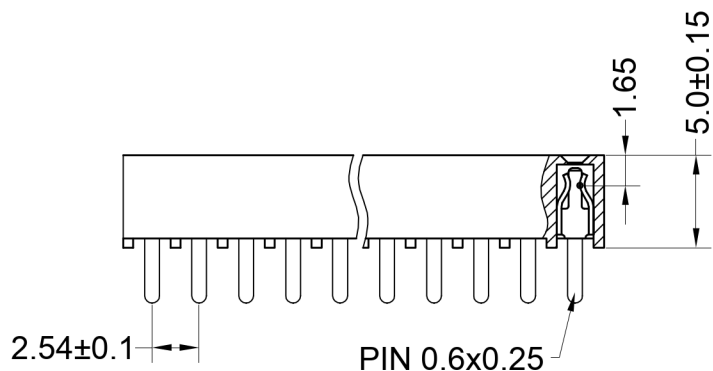
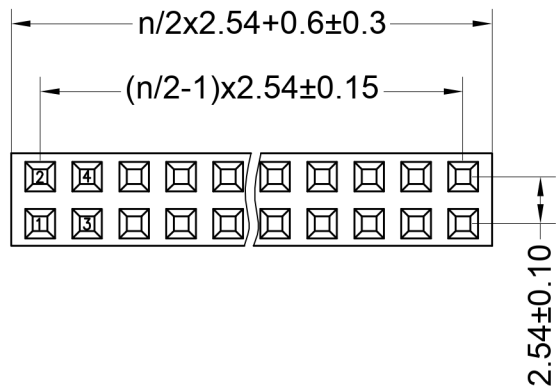
Series	Contacts*	Type	Plating
46-342	02	1	00
	02-40 Einreihig Single row	1 Einreihig / gerade Single row / straight	00 Vergoldet Gold plated

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X.X	±0.30
X.XX	±0.20
X.XXX	±0.10
Angle	±3°
DIM	TOL

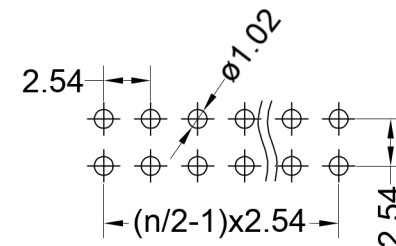


Serial Number 46-342			
Part Name Female Header, 2.54mm Pitch, Straight, Single Row – 5.0mm Profile			
Creation date 2020-06-22	Drawn AL	Approved PS	Approval date 2021-01-06
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 1 / 3



Insulator	Thermoplastic, rated UL94 V-0
Contact Material	Copper alloy
Contact Surface	Au over Ni
Contact Resistance	20 mΩ max.
Insulation Resistance	1000 MΩ min.
Test Voltage	1000 V AC/DC
Current Rating	3 A
Temperature Range	-40 °C ... +105 °C
Processing Temperature	230 °C for 30-60 seconds (260 °C for 10 seconds)

Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Mates with □0.635mm pin header

Series	Contacts*	Type	Plating
46-342	04	2	00
	04-60 Zweireihig Double row	2 Zweireihig / gerade Double row / straight	00 Vergoldet Gold plated

X.X	±0.30
X.XX	±0.20
X.XXX	±0.10
Angle	±3°
DIM	TOL



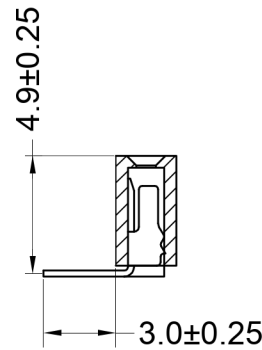
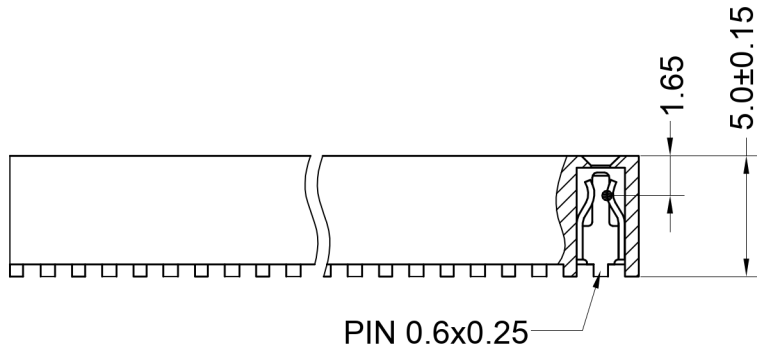
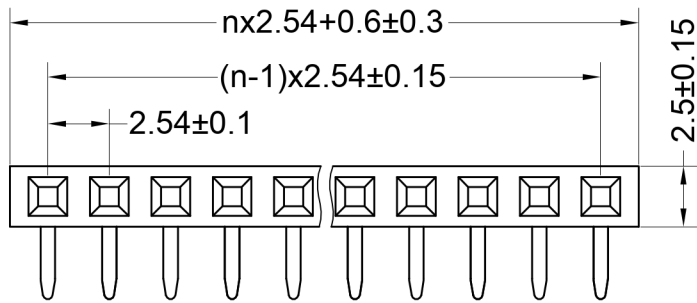
Serial Number 46-342			
Part Name Female Header, 2.54mm Pitch, Straight, Double Row – 5.0mm Profile			
Creation date 2020-06-22	Drawn AL	Approved PS	Approval date 2021-01-06
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 2 / 3

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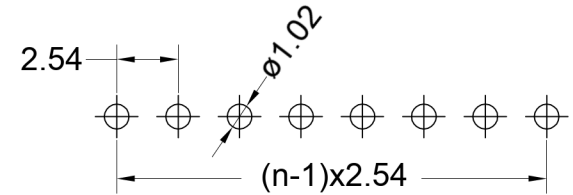
On release of the data sheet, previous releases are no longer valid. Dimensions are subject to change.

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Insulator	Thermoplastic, rated UL94 V-0
Contact Material	Copper alloy
Contact Surface	Au over Ni
Contact Resistance	20 mΩ max.
Insulation Resistance	1000 MΩ min.
Test Voltage	1000 V AC/DC
Current Rating	3 A
Temperature Range	-40 °C ... +105 °C
Processing Temperature	230 °C for 30-60 seconds (260 °C for 10 seconds)

Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Mates with □0.635mm pin header

Series	Contacts*	Type	Plating
46-342	03 02-40 Einreihig Single row	3 3 Einreihig / gewinkelt Single row / right-angled	00 Vergoldet Gold plated

X.X	±0.30
X.XX	±0.20
X.XXX	±0.10
Angle	±3°
DIM	TOL



Serial Number 46-342			
Part Name Female Header, 2.54mm Pitch, angled, Single Row – 5.0mm Profile			
Creation date 2020-06-22	Drawn AL	Approved PS	Approval date 2021-01-06
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 3 / 3