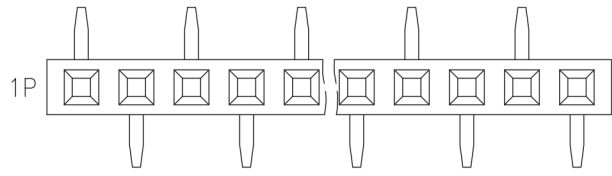
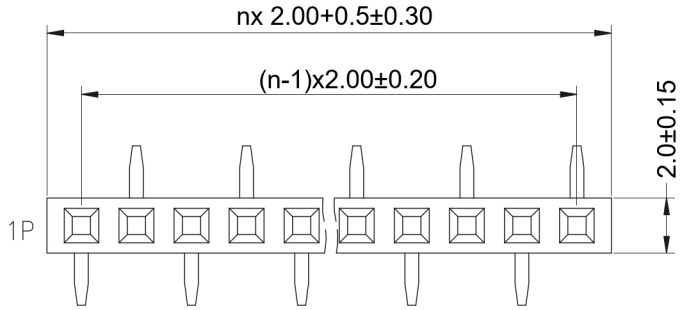


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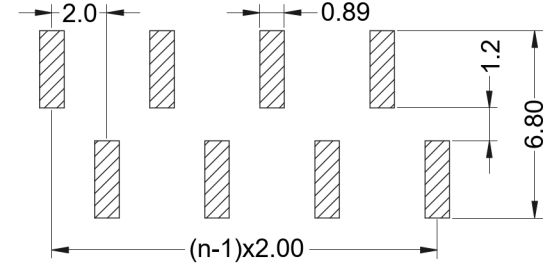
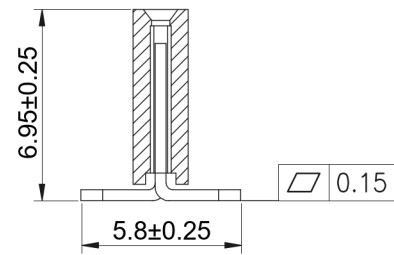
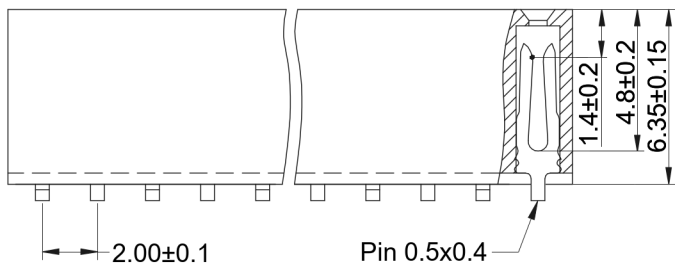
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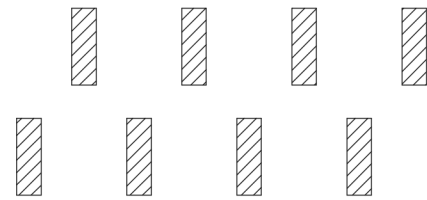
Layout B1



Layout B2



Layout B1



Layout B2

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

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:	500 V AC/DC
Current Rating:	1.5 A
Temperature Range:	-40 °C ~ +105 °C
Processing Temperature:	Reflow: 260 °C for 10 sec.

Series **46-4160** — Contacts\* **03** — Rows **1** — Type **1** — Layout\* **1** — Plating **00** — Locating Pegs **00** — Packaging\* **PPST**

**03 - 30**  
1 Einreihig  
Single row

**1** Stehend  
Vertical

**1** Layout B1  
**2** Layout B2

**00** Vergoldet  
Gold plated

**00** Ohne Pos.hilfen  
W/o loc. pegs

**PPST**  
ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads  
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads  
PPTR Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads

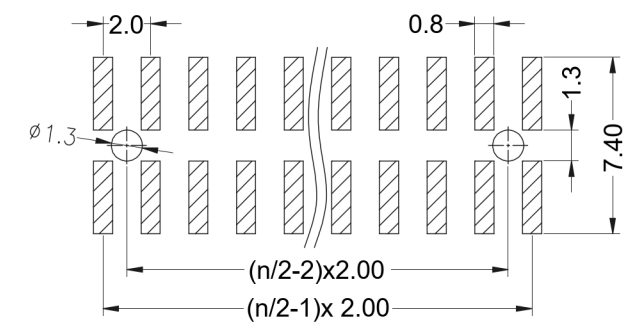
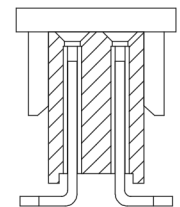
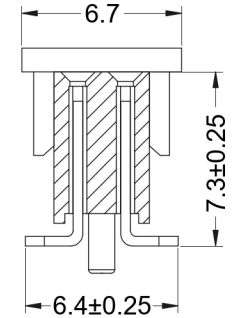
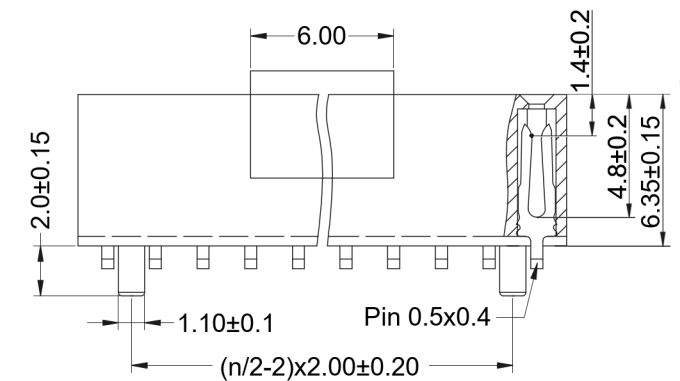
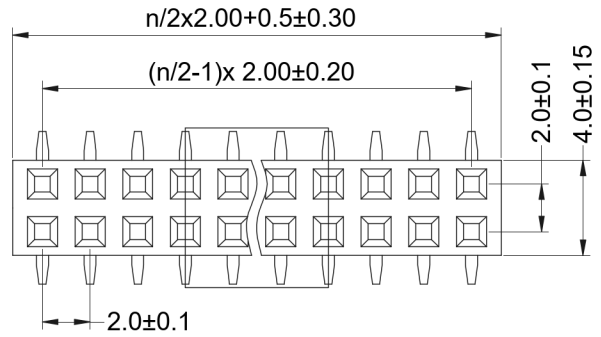
X.X	± 0.30
X.XX	± 0.20
X.XXX	± 0.10
Angle	± 3°
DIM	TOL



Serial Number <b>46-4160</b>			
Part Name SMT Female Header, 2.00mm Pitch, Vertical, 1 Row – 6.95mm Profile			
Creation date 2023-03-16	Drawn AL	Approved PS	Approval date 2023-03-16
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 1 / 4

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

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:	500 V AC/DC
Current Rating:	1.5 A
Temperature Range:	-40 °C ~ +105 °C
Processing Temperature:	Reflow: 260 °C for 10 sec.

Series **46-4160** — Contacts\* **04** — Rows **2** — Type **1** — Layout **0** — Plating **00** — Locating Pegs\* **00** — Packaging\* **PPTR**

**04 - 50**  
**2** Zweireihig  
*Double row*  
**1** Stehend  
*Vertical*  
**0** (zweireihig)  
*(double row)*  
**00** Vergoldet  
*Gold plated*  
**00** Ohne Pos.hilfen  
*W/o loc. pegs*  
**10** Mit Pos.hilfen  
*With loc. pegs*

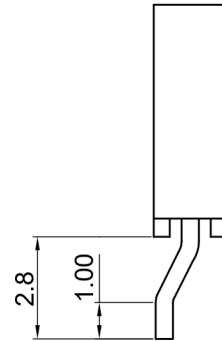
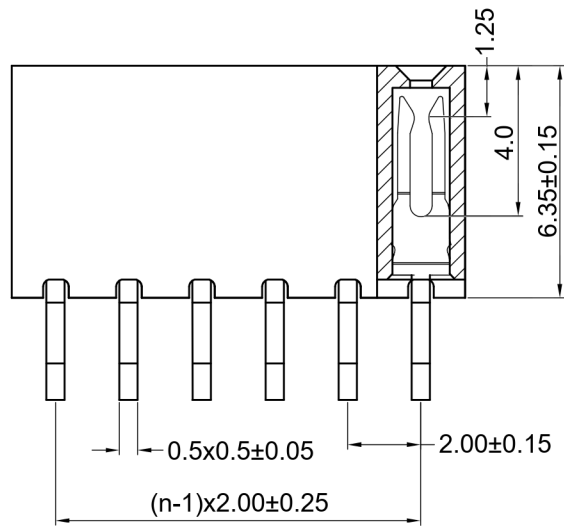
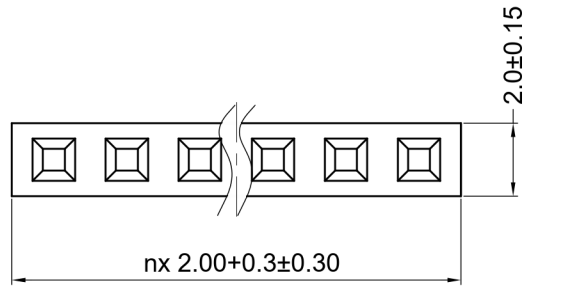
**ST** In Stangen ohne Pick&Place-Pads / *In tubes w/o Pick&Place-Pads*  
**PPTR** Tape & Reel mit P&P-Pads / *Tape & Reel with P&P-Pads*  
**PPST** In Stangen mit Pick&Place-Pads / *In tubes with Pick&Place-Pads*

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

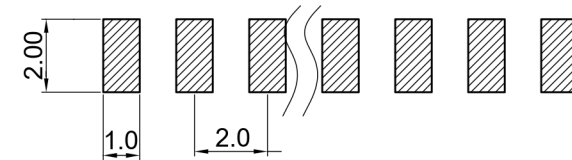


Serial Number <b>46-4160</b>			
Part Name SMT Female Header, 2.00mm Pitch, Vertical, 2 Rows - 7.3mm Profile			
Creation date 2023-03-16	Drawn AL	Approved PS	Approval date 2023-03-16
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 2 / 4

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



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:	500 V AC/DC
Current Rating:	2.0 A
Temperature Range:	-40 °C ~ +105 °C
Processing Temperature:	Reflow: 260 °C for 10 sec.

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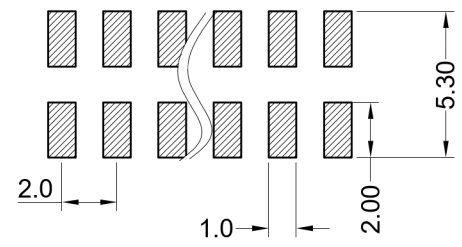
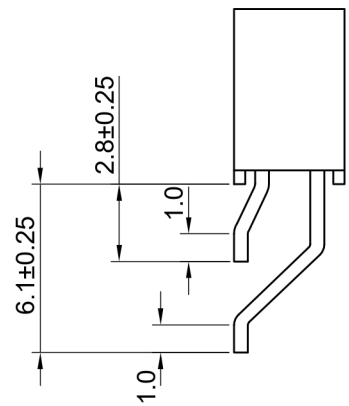
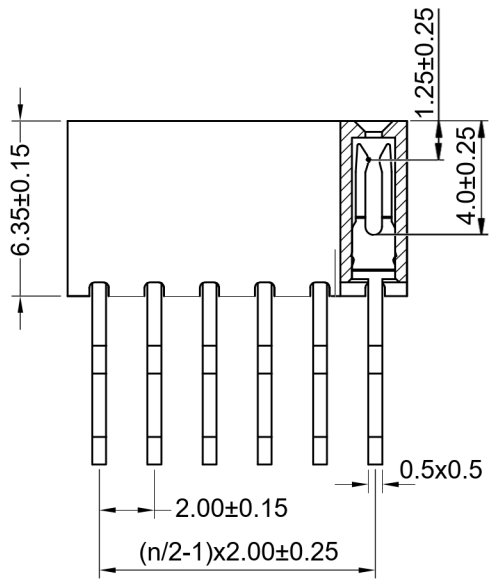
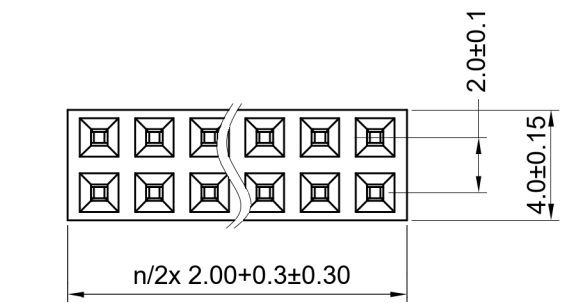
<b>Series</b>	<b>Contacts *</b>	<b>Rows</b>	<b>Type</b>	<b>Plating</b>	<b>Packaging *</b>
<b>46-4160</b>	<b>06</b> 03 - 30	<b>1</b> 1 Einreihig Single row	<b>2</b> 2 Liegend Horizontal	<b>00</b> Vergoldet Gold plated	<b>TR</b> ST TR

X.X	±0.40
X.XX	±0.25
X.XXX	±0.15
Angle	± 3°
DIM	TOL



Serial Number <b>46-4160</b>			
Part Name SMT Female Header, 2.00mm Pitch, Horizontal, 1 Row - 6.35mm Profile			
Creation date 2023-07-19	Drawn AL	Approved PS	Approval date 2023-07-19
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 4 / 4

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

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:	500 V AC/DC
Current Rating:	2.0 A
Temperature Range:	-40 °C ~ +105 °C
Processing Temperature:	Reflow: 260 °C for 10 sec.

Series **46-4160** — Contacts\* **06** — Rows\* **2** — Type **2** — Plating **00** — Packaging\* **TR**

04 - 60      2 Zweireihig      2 Liegend      00 Vergoldet      ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads  
 Double row      Horizontal      Gold plated      Tape & Reel ohne P&P-Pads / Tape & Reel w/o P&P-Pads

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X.X	±0.30
X.XX	±0.25
X.XXX	±0.15
Angle	± 3°
DIM	TOL



Serial Number <b>46-4160</b>			
Part Name SMT Female Header, 2.00mm Pitch, Horizontal, 2 Rows - 6.35mm Profile			
Creation date 2023-03-16	Drawn AL	Approved PS	Approval date 2023-03-16
REACH (EG) Nr. 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet 3 / 4