



**Part Number :** [622018672](#)  
**Product Description :** Vertical Receptacle Press-In Tool  
**Series Number :** 207122  
**Status :** Active  
**Product Category :** Application Tooling Accessories



## Documents & Resources

### Tooling Specifications

[ATS-622018672-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         | Not Relevant                                   |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Not Relevant                                   |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| EU RoHS            | Compliant per EU 2015/863                      |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

## Part Details

### General

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status                         | Active                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Category                       | Application Tooling Accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Series                         | 207122                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Description                    | Vertical Receptacle Press-In Tool                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Comments                       | See Tooling Specification (PDF)<br>Above, Press-In Tool                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Function                       | Insertion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Geographic Area                | Global                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Level of Automation            | Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| More Detailed Tech Information | toolingsupport@molex.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Name                   | PremiumGrade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Tool Type                      | Press-Fit Insertion Tool                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UPC                            | 883906174828                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Warranty Disclaimer            | <p>CAUTION: Molex tooling crimp specifications are valid only when used with Molex terminals and tooling manufactured by Molex and sold by Molex or authorized distributors ("Molex Tooling"). When using tooling other than Molex Tooling with Molex specific connector systems listed in our ATS documents, the Molex tooling qualification does not apply and the responsibility for full qualification of the connector system is that of the customer.</p> <p>Molex accepts no liability for connector performance or tooling support where tooling other than Molex Tooling is used or where Molex Tooling is modified.</p> |

### Physical

|            |          |
|------------|----------|
| Net Weight | 38.900/g |
|------------|----------|

## Applicable Parts

| Description                                                                                                                                              | Part Number                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u><a href="#">461141012</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u><a href="#">461141013</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u><a href="#">461141016</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u><a href="#">461141017</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u><a href="#">461141032</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u><a href="#">461141033</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u><a href="#">461141036</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 36 Signal Contacts, Select Gold (Au)                             | <u><a href="#">461141037</a></u> |

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| Plating, without BMI Guides                                                                                                                                             |                  |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u>461141212</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u>461141213</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u>461141216</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u>461141217</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u>461141232</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u>461141233</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u>461141236</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 36 Signal Contacts, Select                                       | <u>461141237</u> |

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| Gold (Au) Plating, without BMI Guides                                                                                                                                   |                                  |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <a href="#"><u>461141412</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <a href="#"><u>461141413</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <a href="#"><u>461141416</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <a href="#"><u>461141417</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <a href="#"><u>461141432</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <a href="#"><u>461141433</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <a href="#"><u>461141436</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power                                                                            | <a href="#"><u>461141437</u></a> |

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| Contacts, 36 Signal Contacts, Select Gold (Au) Plating, without BMI Guides                                                                              |                  |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u>461142120</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u>461142121</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u>461142160</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u>461142161</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u>461142320</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u>461142321</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <u>461142360</u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <u>461142361</u> |
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| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <a href="#"><u>461144120</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <a href="#"><u>461144121</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <a href="#"><u>461144160</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <a href="#"><u>461144161</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <a href="#"><u>461144320</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <a href="#"><u>461144321</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, with BMI Guides    | <a href="#"><u>461144360</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, without BMI Guides | <a href="#"><u>461144361</u></a> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 12                                                               | <a href="#"><u>461146120</u></a> |

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| Signal Contacts, Select Gold (Au) Plating, with BMI Guides                                                                                                          |                                  |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, without BMI Guides             | <u><a href="#">461146121</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides                | <u><a href="#">461146160</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, without BMI Guides             | <u><a href="#">461146161</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, with BMI Guides                | <u><a href="#">461146320</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, without BMI Guides             | <u><a href="#">461146321</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, with BMI Guides                | <u><a href="#">461146360</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, without BMI Guides             | <u><a href="#">461146361</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 8 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, with BMI Guides | <u><a href="#">461148120</a></u> |
| 1.27mm, 12.00mm Pitch, EXTreme                                                                                                                                      | <u><a href="#">461148121</a></u> |



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| LPHPower Receptacle Header,<br>Vertical, Compliant Pin, 8 Power<br>Contacts, 12 Signal Contacts, Select<br>Gold (Au) Plating, without BMI<br>Guides                                   |                  |
| 1.27mm, 12.00mm Pitch, EXTreme<br>LPHPower Receptacle Header,<br>Vertical, Compliant Pin, 8 Power<br>Contacts, 16 Signal Contacts, Select<br>Gold (Au) Plating, with BMI Guides       | <u>461148160</u> |
| 1.27mm, 12.00mm Pitch, EXTreme<br>LPHPower Receptacle Header,<br>Vertical, Compliant Pin, 8 Power<br>Contacts, 16 Signal Contacts, Select<br>Gold (Au) Plating, without BMI<br>Guides | <u>461148161</u> |
| 1.27mm, 12.00mm Pitch, EXTreme<br>LPHPower Receptacle Header,<br>Vertical, Compliant Pin, 8 Power<br>Contacts, 32 Signal Contacts, Select<br>Gold (Au) Plating, with BMI Guides       | <u>461148320</u> |
| 1.27mm, 12.00mm Pitch, EXTreme<br>LPHPower Receptacle Header,<br>Vertical, Compliant Pin, 8 Power<br>Contacts, 32 Signal Contacts, Select<br>Gold (Au) Plating, without BMI<br>Guides | <u>461148321</u> |
| 1.27mm, 12.00mm Pitch, EXTreme<br>LPHPower Receptacle Header,<br>Vertical, Compliant Pin, 8 Power<br>Contacts, 36 Signal Contacts, Select<br>Gold (Au) Plating, with BMI Guides       | <u>461148360</u> |
| 1.27mm, 12.00mm Pitch, EXTreme<br>LPHPower Receptacle Header,<br>Vertical, Compliant Pin, 8 Power<br>Contacts, 36 Signal Contacts, Select<br>Gold (Au) Plating, without BMI<br>Guides | <u>461148361</u> |