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**Part Number:** [34707-3021](#)  
**Status:** **Active**  
**Overview:** Stac64™ Single, Multi-Pocket and Hybrid Header System  
**Description:** Stac64™ 3 Bay Vertical Headers, 50 Circuits, Bay A 10 Circuit Power Header, Polarization A, Black; Bay B 20 Circuit Signal, Polarization C, Brown; Bay C 20 Circuits Polarization D, Green, Tray

**Documents:**

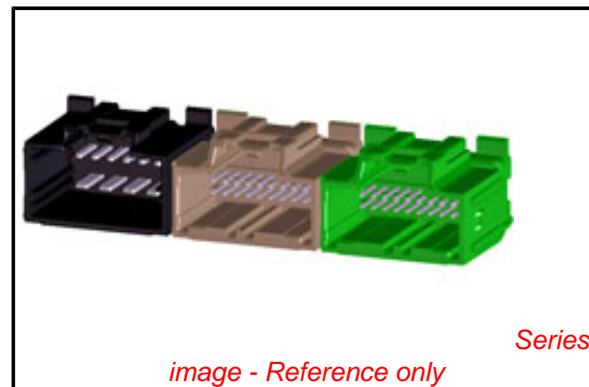
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|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Application Specification AS-34729-020 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Product Specification PS-31372-100 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                     |
| <a href="#">Product Specification PS-34729-020 (PDF)</a> |  |

**General**

|                             |   |
|-----------------------------|---|
| Product Family              | PCB Headers   |
| Series                      | <a href="#">34707</a>   |
| Application                 | Power, Wire-to-Board  |
| Comments                    | Bay A 10 Circuits Stac64™ Vertical Power Header, Polarization A. Bay B 20 Circuits Stac64™ Vertical Signal Header, Polarization C. Bay C 20 Circuits Stac64™ Vertical Signal Header, Polarization D |
| Overview                    | <a href="#">Stac64™ Single, Multi-Pocket and Hybrid Header System</a>   |
| Product Literature Order No | 987650-4561   |
| Product Name                | Stac64™   |
| UPC                         | 884982008434  |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 50                             |
| Circuits (maximum)             | 50                             |
| Color - Resin                  | Black, Brown, Green            |
| Durability (mating cycles max) | 10                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Compliant            | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Nickel                         |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 23.662/g                       |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.36mm                         |
| PCB Locator                    | Yes                            |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.57mm                         |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 2.30mm, 2.54mm, 3.50mm, 5.25mm |
| Pitch - Termination Interface  | 2.30mm, 2.54mm, 3.50mm, 5.25mm |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Shrouded                       | Yes                            |
| Stackable                      | No                             |



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[34707Series](#)

**Mates With**

31408 USCAR 2.54mm (.100") Pitch Receptacle, 31372 5.25mm (.206") Pitch Hybrid Receptacle Assembly, 34729 2.54mm (.100") Pitch Stac64™ Right Angle Receptacle

|                                |                 |
|--------------------------------|-----------------|
| Surface Mount Compatible (SMC) | N/A             |
| Temperature Range - Operating  | -40°C to +100°C |
| Termination Interface: Style   | Through Hole    |

**Electrical**

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | Contact Molex |
| Voltage - Maximum             | 500V          |

**Material Info****Reference - Drawing Numbers**

|                           |                            |
|---------------------------|----------------------------|
| Application Specification | AS-34729-020               |
| Product Specification     | PS-31372-100, PS-34729-020 |
| Sales Drawing             | SD-34707-300               |

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