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**Part Number:** [0347073010](#)

**Status:** **Active**

**Overview:** [Stac64 Single, Multi-Pocket and Hybrid Header System](#)

**Description:** Stac64 3 Bay Vertical Header, 44 Circuits, Bay A 20 Circuit Signal Vertical Header, Polarization A, Black; Bay B, 8 Circuit Signal Vertical Header, Polarization A, Black, Bay C, 16 Circuit Signal Vertical Header, Polarization A, Black

**Documents:**

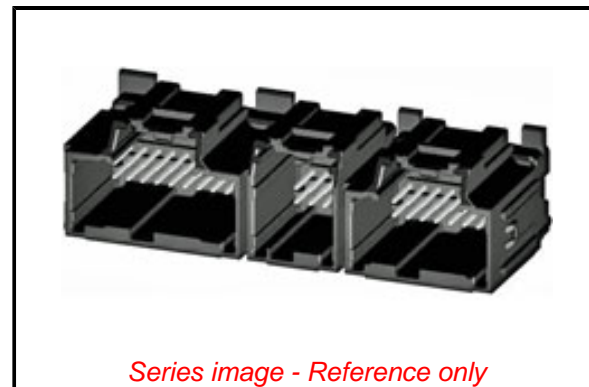
|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-34729-020-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification PK-31300-892-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Brochure (PDF)</a>                                   |
| <a href="#">Product Specification PS-31372-100-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">34707</a>   |
| Application    | Automotive, Power, Wire-to-Board  |
| Comments       | Bay A 20 Circuit Stac64 Vertical Signal Header, Polarization A Bay B 8 Circuit Stac64 Vertical Signal Header, Polarization A Bay C 16 Circuit Stac64 Vertical Signal Header, Polarization A |
| Overview       | <a href="#">Stac64 Single, Multi-Pocket and Hybrid Header System</a>  |
| Product Name   | Stac64  |
| UPC            | 884982007314  |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 44                             |
| Circuits (maximum)             | 44                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 10                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 18.632/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       | 2.54mm                         |
| Pitch - Termination Interface  | 2.54mm                         |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Shrouded                       | Yes                            |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -40° to +100°C                 |
| Termination Interface: Style   | Through Hole                   |



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - D(2021)4569-DC (8 July 2021)

**Halogen-Free**

**Status**

**Not Relevant**

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[34707](#) Series

**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

**Electrical**

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

**Solder Process Data**

|  |      |
|--|------|
| Duration at Max. Process Temperature (seconds) | 040  |
| Lead-free Process Capability                   | WAVE |
| Max. Cycles at Max. Process Temperature        | 003  |
| Process Temperature max. C                     | 260  |

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

|                           |                  |
|---------------------------|------------------|
| Application Specification | AS-34729-020-001 |
| Packaging Specification   | PK-31300-892-001 |
| Product Specification     | PS-31372-100-001 |
| Sales Drawing             | SD-34707-300-001 |

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