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**Part Number:** [0346916081](#)  
**Status:** **Active**  
**Overview:** Stac64™ Single, Multi-Pocket and Hybrid Header System  
**Description:** Stac64™ Right Angle Header Assembly, Plastic Pin-Alignment-Plate, 8 Circuits, Polarization B, Gray, Tray

**Documents:**

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

**General**

|                             |   |
|-----------------------------|---|
| Product Family              | PCB Headers   |
| Series                      | <a href="#">34691</a>   |
| Application                 | Power, Wire-to-Board  |
| Comments                    | Polarization B  |
| Overview                    | <a href="#">Stac64™ Single, Multi-Pocket and Hybrid Header System</a> |
| Product Literature Order No | 987650-4561   |
| Product Name                | Stac64™   |
| UPC                         | 887191003597  |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 8                              |
| Circuits (maximum)             | 8                              |
| Color - Resin                  | Gray                           |
| 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               | Brass                          |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 5.173/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| 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°C to +105°C                |
| Termination Interface: Style   | Through Hole                   |

**Electrical**

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 10.0A |
| Voltage - Maximum             | 500V  |

**EU ELV**  
**Compliant**

**EU RoHS** **China RoHS**  
**Compliant**

**REACH SVHC**  
Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**  
**Status**

**Not Relevant**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Not Relevant  |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**  
[34691](#) Series

**Mates With**  
[34729](#) 2.54mm (.100") Pitch Stac64™  
Receptacle Assembly <br> [31408](#) USCAR  
2.54mm (.100") Pitch Receptacle

**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**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-31300-892     |
| Product Specification   | PS-34729-020-001 |
| Sales Drawing           | SD-34691-601     |

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