

**Part Number :** [347082022](#)

**Product Description :** Stac64 2 Bay Right-Angle Headers, 30 Circuits, Bay A 20 Circuit Signal Header, Polarization C, Brown; Bay B 10 Circuit Power Header, Polarization A, Black; Tray

**Series Number :** 34708

**Status :** Active

**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

[347082022\\_sd.pdf](#)

[PK-31300-892-000.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[AS-34729-020-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                      |
|--------------------|------------------------------------------------------|
| GADSL/IMDS         | Duty-To-Declare                                      |
| China RoHS         | Not Relevant                                         |
| EU ELV             | Compliant per 2000/53/EC                             |
| Low-Halogen Status | Not Relevant                                         |
| REACH SVHC         | Contains Boric acid per D(2025)7771-DC (04 Feb 2026) |
| 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

## Additional Product Compliance Information

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# Part Details

## General

|                |                                                                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                                           |
| Category       | PCB Headers and Receptacles                                                                                                                                      |
| Series         | 34708                                                                                                                                                            |
| Description    | Stac64 2 Bay Right-Angle Headers, 30 Circuits, Bay A 20 Circuit Signal Header, Polarization C, Brown; Bay B 10 Circuit Power Header, Polarization A, Black; Tray |
| Application    | Automotive, Wire-to-Board                                                                                                                                        |
| Comments       | Bay A 20 Circuits Stac64 Right Angle Signal Header, Polarization C; Bay B 10 Circuits Stac64 Right Angle Power Header, Polarization A                            |
| Component Type | PCB Header                                                                                                                                                       |
| Product Name   | Stac64                                                                                                                                                           |
| UPC            | 883906552039                                                                                                                                                     |

## Electrical

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

## Physical

|           |    |
|-----------|----|
| Breakaway | No |
|-----------|----|

|                                |                                   |
|--------------------------------|-----------------------------------|
| Circuits (Loaded)              | 30                                |
| Circuits (maximum)             | 30                                |
| Color - Resin                  | Black, Brown                      |
| Durability (mating cycles max) | 10                                |
| First Mate / Last Break        | No                                |
| Glow-Wire Capable              | No                                |
| Guide to Mating Part           | No                                |
| Keying to Mating Part          | No                                |
| Lock to Mating Part            | Yes                               |
| Material - Metal               | Copper Alloy                      |
| Material - Plating Mating      | Tin                               |
| Material - Plating Termination | Tin                               |
| Material - Resin               | High Temperature Thermoplastic    |
| Net Weight                     | 19.563/g                          |
| Number of Rows                 | 2                                 |
| Orientation                    | Right Angle                       |
| Packaging Type                 | Tray                              |
| PCB Locator                    | Yes                               |
| PCB Retention                  | No                                |
| PCB Thickness - Recommended    | 1.57mm                            |
| PC Tail Length                 | 3.36mm                            |
| Pitch - Mating Interface       | 2.30mm, 2.54mm, 2.95mm,<br>3.50mm |
| Pitch - Termination Interface  | 2.30mm, 2.54mm, 2.95mm,<br>3.50mm |
| Polarized to Mating Part       | Yes                               |
| Polarized to PCB               | Yes                               |
| Sealed                         | Unsealed                          |
| Shrouded                       | Shrouded                          |
| Stackable                      | No                                |
| Temperature Range - Operating  | -40° to +100°C                    |
| Termination Interface Style    | Through Hole                      |
| Terminal Size                  | 0.635, 1.5, 2.8                   |

### Solder Process Data

|              |    |
|--------------|----|
| Max-Duration | 40 |
|--------------|----|

|                              |      |
|------------------------------|------|
| Lead-Free Process Capability | WAVE |
| Max-Cycle                    | 3    |
| Max-Temp                     | 260  |

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number  |
|-------------------------------------|--------------|
| Stac64 Hybrid Receptacle Assemblies | <u>31372</u> |
| Stac64 Receptacle Housings          | <u>34729</u> |

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