

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0347082000

Status:

Active

Overview:

Stac64 Single, Multi-Pocket and Hybrid Header System

Description:

Stac64 2 Bay Right-Angle Headers, 40 Circuits, Bay A 20 Circuit Signal Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization B, Gray; Tray

Documents:

3D Model

Application Specification AS-34729-020-001 (PDF)

3D Model (PDF)

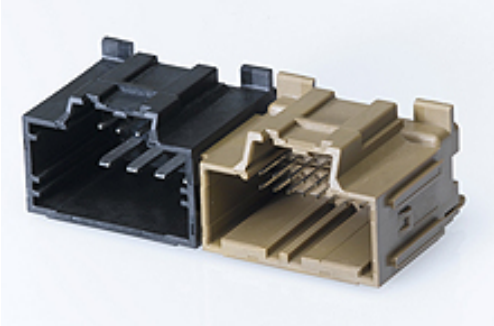
Packaging Specification PK-31300-892-001 (PDF)

Drawing (PDF)

Brochure (PDF)

Product Specification PS-31372-100-001 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

|                                |                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                                                        |
| Product Family                 | PCB Headers                                                                                                                            |
| Series                         | 34708                                                                                                                                  |
| Application                    | Automotive, Power, Wire-to-Board                                                                                                       |
| Comments                       | Bay A 20 Circuits Stac64 Right Angle Signal Header, Polarization A. Bay B 20 Circuits Stac64 Right Angle Signal Header, Polarization B |
| Overview                       | Stac64 Single, Multi-Pocket and Hybrid Header System                                                                                   |
| Product Name                   | Stac64                                                                                                                                 |
| UPC                            | 883906552015                                                                                                                           |
| Physical                       |                                                                                                                                        |
| Breakaway                      | No                                                                                                                                     |
| Circuits (Loaded)              | 40                                                                                                                                     |
| Circuits (maximum)             | 40                                                                                                                                     |
| Color - Resin                  | Black, Gray                                                                                                                            |
| 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                     | 17.226/g                                                                                                                               |
| Number of Rows                 | 2                                                                                                                                      |
| Orientation                    | Right Angle                                                                                                                            |
| 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                                                                                                                           |

Electrical

EU ELV  
Compliant

EU RoHS  
Compliant

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

Halogen-Free  
Status  
Low-Halogen

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

China RoHS

Green Image  
Compliant

Not Contained

Search Parts in this Series  
34708 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

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

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 040  |
| Lead-freeProcess 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-34708-200-001 |

This document was generated on 10/06/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[34708-2000](#)