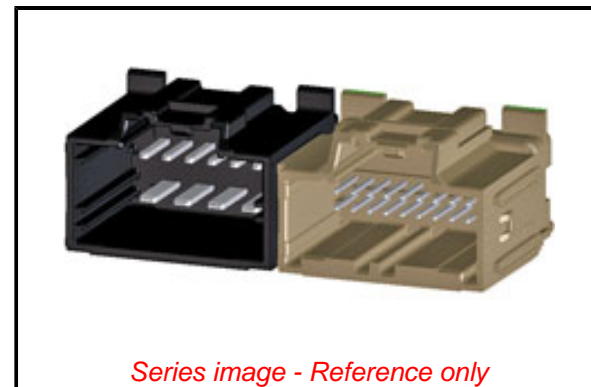


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Part Number: [0347072012](#)
Status: **Active**
Overview: [Stac64 Single, Multi-Pocket and Hybrid Header System](#)
Description: [Stac64 2 Bay Vertical Headers, 30 Circuits, Bay A 10 Circuit Power Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization C, Brown, Tray](#)

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-34729-020-001 (PDF) |
| Drawing (PDF) | Brochure (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-31372-100-001 (PDF) | |



Series image - Reference only

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 34707 |
| Application | Automotive, 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 |
| Component Type | PCB Header |
| Overview | Stac64 Single, Multi-Pocket and Hybrid Header System |
| Product Name | Stac64 |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 883906170066 |

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 | 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 | 16.107/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 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +100°C |
| Termination Interface: Style | Through Hole |

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Contained per -
D(2022)9120-DC (17
Jan 2023)

Boric acid

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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 |
| Product Specification | PS-31372-100-001 |
| Sales Drawing | SD-34707-200-001 |

This document was generated on 04/14/2023

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