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Part Number:

34696-0100

Status:

Active

Overview:

Stac64™ Single, Multi-Pocket and Hybrid Header System

Description:

Stac64™ Single Bay Right Angle Power Header, 10 Circuits, Polarization A, Black, Tray

Documents:

3D Model

Drawing (PDF)

Product Specification PS-31372-100 (PDF)

Application Specification AS-34729-020 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

| General                     |                                                       |
|-----------------------------|-------------------------------------------------------|
| Product Family              | PCB Headers                                           |
| Series                      | 34696                                                 |
| Application                 | Power, Wire-to-Board                                  |
| Comments                    | Polarization A                                        |
| Overview                    | Stac64™ Single, Multi-Pocket and Hybrid Header System |
| Product Literature Order No | 987650-4561                                           |
| Product Name                | Stac64™                                               |
| UPC                         | 800756894454                                          |

| Physical                       |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 10                             |
| Circuits (maximum)             | 10                             |
| Color - Resin                  | Black                          |
| 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               | High Copper                    |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 10.950/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, 5.25mm                 |
| Pitch - Termination Interface  | 2.54mm, 5.25mm                 |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Shrouded                       | Yes                            |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | N/A                            |
| Temperature Range - Operating  | -40°C to +100°C                |
| Termination Interface: Style   | Through Hole                   |

Electrical



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

34696Series

Mates With

31408 USCAR 2.54mm (.100") Pitch Receptacle, 31372 5.25mm (.206") Pitch Hybrid Receptacle Assembly

|                               |          |
|-------------------------------|----------|
| Current - Maximum per Contact | 18A, 30A |
| Voltage - Maximum             | 500V     |

**Solder Process Data**

|                                                |                              |
|------------------------------------------------|------------------------------|
| Duration at Max. Process Temperature (seconds) | 40                           |
| Lead-free Process Capability                   | SMC & Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 3                            |
| Process Temperature max. C                     | 260                          |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| Application Specification | AS-34729-020                                              |
| Product Specification     | PS-31372-100                                              |
| Sales Drawing             | SD-34696-100, SD-34708-200, SD-34708-300,<br>SD-34708-400 |

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