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Part Number:

0347073040

Status:

Active

Overview:

Stac64 Single, Multi-Pocket and Hybrid Header System

Description:

Stac64 3 Bay Vertical Headers, 60 Circuits, Bay A 20 Circuit Signal Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization B, Gray; Bay C 20 Circuit Signal Header, Polarization C, Brown, Tray

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-34729-020-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-31300-892-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Brochure (PDF)</a>                                   |
| <a href="#">Product Specification PS-31372-100-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                                                                                                                   |
| Product Family                 | PCB Headers                                                                                                                                                                                       |
| Series                         | 34707                                                                                                                                                                                             |
| Application                    | Automotive, Power, Wire-to-Board                                                                                                                                                                  |
| Comments                       | Bay A 20 Circuits Stac64 Vertical Signal Header, Polarization A. Bay B 20 Circuits Stac64 Vertical Signal Header, Polarization B. Bay C 20 Circuits Stac64 Vertical Signal Header, Polarization C |
| Overview                       | Stac64 Single, Multi-Pocket and Hybrid Header System                                                                                                                                              |
| Product Name                   | Stac64                                                                                                                                                                                            |
| UPC                            | 884982482388                                                                                                                                                                                      |
| Physical                       |                                                                                                                                                                                                   |
| Breakaway                      | No                                                                                                                                                                                                |
| Circuits (Loaded)              | 60                                                                                                                                                                                                |
| Circuits (maximum)             | 60                                                                                                                                                                                                |
| 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                     | 22.665/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       | 2.54mm                                                                                                                                                                                            |
| 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                                                                                                                                                                                      |

|                                                                                |               |
|--------------------------------------------------------------------------------|---------------|
| EU ELV<br>Compliant                                                            |               |
| EU RoHS<br>Compliant                                                           | China RoHS    |
| REACH SVHC<br>Contained Per -<br>D(2021)4569-DC (8<br>July 2021)<br>Boric acid |               |
| Halogen-Free<br>Status<br>Not Relevant                                         |               |
| For more information, please visit <a href="#">Contact US</a>                  |               |
| China ROHS                                                                     | Not Relevant  |
| ELV                                                                            | Compliant     |
| RoHS Phthalates                                                                | 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-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-34707-300-001 |

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