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Part Number:

1722861106

Status:

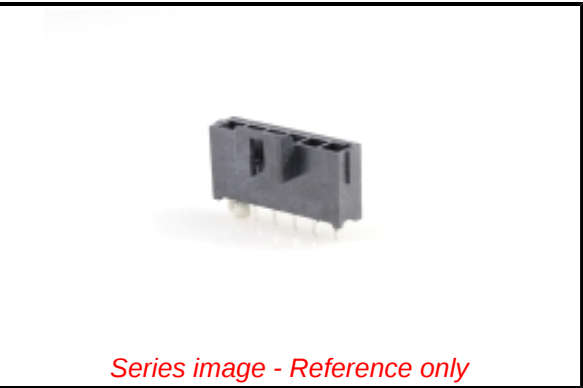
Active

Overview:

Ultra-Fit Power Connectors

Description:

Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 6 Circuits, with Kinked Pins, Tin (Sn), Glow-Wire Capable, Black



|                                                                  |                                                                    |
|------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Documents:</b>                                                |                                                                    |
| <a href="#">3D Model (PDF)</a>                                   | <a href="#">Product Specification PS-172323-0001-001 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Application Specification AS-172323-0001-001 (PDF)</a> |
| <a href="#">3D Model</a>                                         | <a href="#">Packaging Specification PK-172286-9001-001 (PDF)</a>   |
| <a href="#">Product Specification 1723230001-TS-000 (PDF)</a>    | <a href="#">Datasheet (PDF)</a>                                    |
| <a href="#">Product Specification 1723231000-PS-CH-000 (PDF)</a> | <a href="#">Symbol Footprint Data 1722861106-000 (PDF)</a>         |
| <a href="#">Product Specification 1723231000-PS-ES-000 (PDF)</a> | <a href="#">Symbol Footprint Data SYM-172286-1206-001 (PDF)</a>    |
| <a href="#">Product Specification 1723231000-PS-JP-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>               |
| <a href="#">Product Specification 1723231000-PS-SK-000 (PDF)</a> |                                                                    |

|                                |                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------|
| <b>Agency Certification</b>    |                                                                                   |
| CSA                            | LR19980                                                                           |
| UL                             | E29179                                                                            |
| <b>General</b>                 |                                                                                   |
| Product Family                 | PCB Headers                                                                       |
| Series                         | 172286                                                                            |
| Application                    | Power, Wire-to-Board                                                              |
| Comments                       | See Product Specification for maximum current rating by circuit size and wire AWG |
| Component Type                 | PCB Header                                                                        |
| Overview                       | Ultra-Fit Power Connectors                                                        |
| Product Name                   | Ultra-Fit                                                                         |
| Taxonomy                       | PCB Headers and Receptacles                                                       |
| UPC                            | 887191736310                                                                      |
| <b>Physical</b>                |                                                                                   |
| Breakaway                      | No                                                                                |
| Circuits (Loaded)              | 6                                                                                 |
| Circuits (maximum)             | 6                                                                                 |
| Color - Resin                  | Black                                                                             |
| Durability (mating cycles max) | 25                                                                                |
| First Mate / Last Break        | No                                                                                |
| Flammability                   | 94V-0                                                                             |
| Glow-Wire Capable              | Yes                                                                               |
| Guide to Mating Part           | No                                                                                |
| Keying to Mating Part          | Yes                                                                               |
| Lock to Mating Part            | Yes                                                                               |
| Material - Metal               | Copper Alloy                                                                      |
| Material - Plating Mating      | Tin                                                                               |
| Material - Plating Termination | Tin                                                                               |
| Material - Resin               | Liquid Crystal Polymer                                                            |
| Net Weight                     | 1.608/g                                                                           |
| Number of Rows                 | 1                                                                                 |
| Orientation                    | Vertical                                                                          |
| PC Tail Length                 | 3.20mm                                                                            |
| PCB Locator                    | Yes                                                                               |
| PCB Retention                  | Yes                                                                               |
| PCB Thickness - Recommended    | 1.60mm                                                                            |
| Packaging Type                 | Tray                                                                              |
| Pitch - Mating Interface       | 3.50mm                                                                            |

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                 |                   |
| Not Relevant                                                  |                   |
| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
| Compliant                                                     |                   |
| REACH SVHC                                                    |                   |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |                   |
| Halogen-Free                                                  |                   |
| Status                                                        |                   |
| Low-Halogen                                                   |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Green Image       |
| ELV                                                           | Not Relevant      |
| RoHS Phthalates                                               | Not Contained     |

Search Parts in this Series  
172286 Series

Mates With  
Ultra-Fit Receptacle Housing 1722563106

|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Pitch - Termination Interface                  | 3.50mm                                                                                                                              |
| Plating min - Mating                           | 1.524μm                                                                                                                             |
| Plating min - Termination                      | 1.524μm                                                                                                                             |
| Polarized to Mating Part                       | Yes                                                                                                                                 |
| Polarized to PCB                               | Yes                                                                                                                                 |
| Shrouded                                       | Fully                                                                                                                               |
| Surface Mount Compatible (SMC)                 | Yes                                                                                                                                 |
| Temperature Range - Operating                  | -40° to +105°C                                                                                                                      |
| Termination Interface: Style                   | Through Hole - Kinked Pin                                                                                                           |
| <b>Electrical</b>                              |                                                                                                                                     |
| Current - Maximum per Contact                  | 14.0A                                                                                                                               |
| Voltage - Maximum                              | 600V AC (RMS)/DC                                                                                                                    |
| <b>Solder Process Data</b>                     |                                                                                                                                     |
| Duration at Max. Process Temperature (seconds) | 090                                                                                                                                 |
| Lead-freeProcess Capability                    | WAVE                                                                                                                                |
| Max. Cycles at Max. Process Temperature        | 002                                                                                                                                 |
| Process Temperature max. C                     | 260                                                                                                                                 |
| <b>Material Info</b>                           |                                                                                                                                     |
| <b>Reference - Drawing Numbers</b>             |                                                                                                                                     |
| Application Specification                      | AS-172323-0001-001                                                                                                                  |
| Packaging Specification                        | PK-172286-9001-001                                                                                                                  |
| Product Specification                          | 1723230001-TS-000, 1723231000-PS-CH-000,<br>1723231000-PS-ES-000, 1723231000-PS-JP-000,<br>1723231000-PS-SK-000, PS-172323-0001-001 |
| Sales Drawing                                  | SD-172286-1000-000                                                                                                                  |
| Symbol/Footprint Data                          | 1722861106-000, SYM-172286-1206-001                                                                                                 |

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