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Part Number:

0901301316

Status:

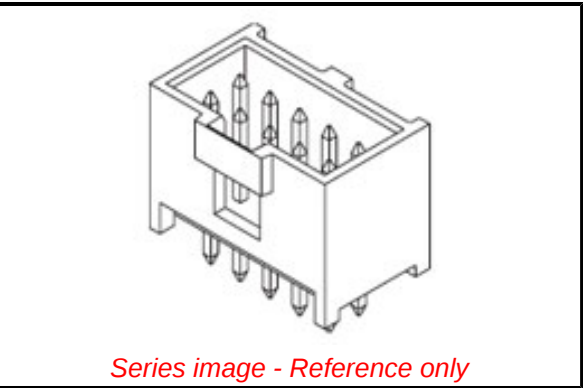
Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Dual Row, Vertical, Shrouded, Fully Loaded, 16 Circuits, Black, 0.76µm Gold (Au) Selective Plating



|                                                               |                                                                  |
|---------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                    |                                                                  |
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification 901190001-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification PK-90130-001-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Packaging Specification PK-91814-005-001 (PDF)</a>   |
| <a href="#">Product Specification PS-99020-0001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                      |                             |
|----------------------|-----------------------------|
| Agency Certification |                             |
| CSA                  | LR19980                     |
| UL                   | E29179                      |
| General              |                             |
| Product Family       | PCB Headers                 |
| Series               | 90130                       |
| Application          | Signal, Wire-to-Board       |
| Component Type       | PCB Header                  |
| Overview             | C-Grid III Interconnects    |
| Product Name         | C-Grid III                  |
| Taxonomy             | PCB Headers and Receptacles |
| UPC                  | 800753696877                |

|                                |             |
|--------------------------------|-------------|
| Physical                       |             |
| Breakaway                      | No          |
| Circuits (Loaded)              | 16          |
| Circuits (maximum)             | 16          |
| Color - Resin                  | Black       |
| Durability (mating cycles max) | 200         |
| First Mate / Last Break        | No          |
| Flammability                   | 94V-0       |
| Glow-Wire Capable              | No          |
| Guide to Mating Part           | No          |
| Keying to Mating Part          | None        |
| Lock to Mating Part            | Yes         |
| Material - Metal               | Brass       |
| Material - Plating Mating      | Gold        |
| Material - Plating Termination | Tin         |
| Material - Resin               | Polyester   |
| Net Weight                     | 1.895/g     |
| Number of Rows                 | 2           |
| Orientation                    | Vertical    |
| PC Tail Length                 | 2.90mm      |
| PCB Locator                    | No          |
| PCB Retention                  | None        |
| PCB Thickness - Recommended    | 1.60mm      |
| Packaging Type                 | Tray        |
| Pitch - Mating Interface       | 2.54mm      |
| Pitch - Termination Interface  | 2.54mm      |
| Plating min - Mating           | 0.762µm     |
| Plating min - Termination      | 3.048µm     |
| Polarized to Mating Part       | Yes         |
| Polarized to PCB               | No          |
| Shrouded                       | Closed Ends |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not 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

90130 Series

Mates With

C-Grid III Crimp Housing 90142 , 90143

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Stackable                                      | No                                 |
| Surface Mount Compatible (SMC)                 | No                                 |
| Temperature Range - Operating                  | -55° to +125°C                     |
| Termination Interface: Style                   | Through Hole                       |
| <b>Electrical</b>                              |                                    |
| Current - Maximum per Contact                  | 3.0A                               |
| Voltage - Maximum                              | 350V AC/DC                         |
| <b>Solder Process Data</b>                     |                                    |
| Duration at Max. Process Temperature (seconds) | 003                                |
| Lead-freeProcess Capability                    | WAVE                               |
| Max. Cycles at Max. Process Temperature        | 001                                |
| Process Temperature max. C                     | 235                                |
| <b>Material Info</b>                           |                                    |
| <b>Reference - Drawing Numbers</b>             |                                    |
| Application Specification                      | 901190001-AS-000                   |
| Packaging Specification                        | PK-90130-001-001, PK-91814-005-001 |
| Product Specification                          | PS-99020-0001-001                  |
| Sales Drawing                                  | SDA-90130-001                      |

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