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Part Number:

0901301150

Status:

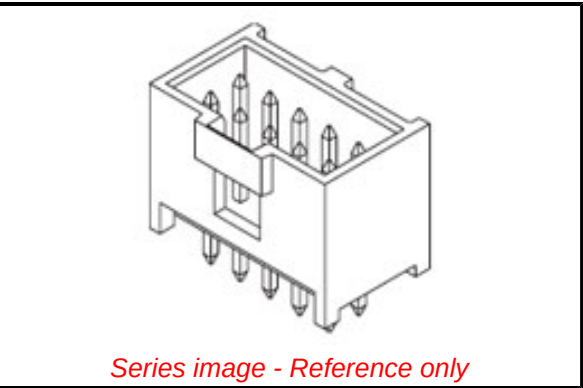
Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Dual Row, Vertical, Shrouded, Fully Loaded, 50 Circuits, Black, 3µm Tin (Sn) over Nickel (Ni)



|                                                               |                                                                  |
|---------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                    |                                                                  |
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification 901190001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Packaging Specification PK-90130-001-001 (PDF)</a>   |
| <a href="#">Drawing (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       |
| Overview                       |  | C-Grid III Interconnects    |
| Product Name                   |  | C-Grid III                  |
| Taxonomy                       |  | PCB Headers and Receptacles |
| UPC                            |  | 800753699304                |
| Physical                       |  |                             |
| Breakaway                      |  | No                          |
| Circuits (Loaded)              |  | 50                          |
| Circuits (maximum)             |  | 50                          |
| Color - Resin                  |  | Black                       |
| Durability (mating cycles max) |  | 30                          |
| 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      |  | Tin                         |
| Material - Plating Termination |  | Tin                         |
| Material - Resin               |  | Polyester                   |
| Net Weight                     |  | 4.747/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           |  | 3.048µm                     |
| Plating min - Termination      |  | 3.048µm                     |
| Polarized to Mating Part       |  | Yes                         |
| Polarized to PCB               |  | No                          |
| Shrouded                       |  | Closed Ends                 |
| Stackable                      |  | No                          |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| 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

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| 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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