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Part Number:

0901361110

Status:

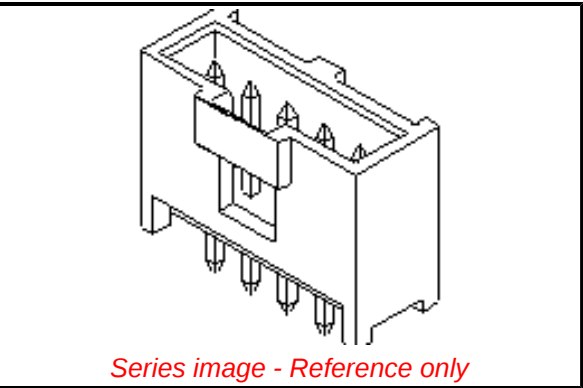
Active

Overview:

C-Grid III™

Description:

C-Grid III™ Header, Single Row, Vertical, Shrouded, 10 Circuits, 4µm Tin/Lead (Sn) over Nickel (Ni)



|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| Documents:                    |                                                            |
| <a href="#">3D Model</a>      | <a href="#">Packaging Specification PK-90136-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |

|                                |                       |
|--------------------------------|-----------------------|
| Agency Certification           |                       |
| UL                             | E29179                |
| General                        |                       |
| Product Family                 | PCB Headers           |
| Series                         | 90136                 |
| Application                    | Signal, Wire-to-Board |
| Overview                       | C-Grid III™           |
| Product Name                   | C-Grid III™           |
| UPC                            | 800753676695          |
| Physical                       |                       |
| Breakaway                      | No                    |
| Circuits (Loaded)              | 10                    |
| Circuits (maximum)             | 10                    |
| Color - Resin                  | Black                 |
| First Mate / Last Break        | No                    |
| Flammability                   | 94V-0                 |
| Glow-Wire Compliant            | 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                     | 1.521/g               |
| Number of Rows                 | 1                     |
| 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 PCB               | No                    |
| Shrouded                       | Fully                 |
| Stackable                      | No                    |
| Temperature Range - Operating  | -55°C to +125°C       |
| Termination Interface: Style   | Through Hole          |
| Electrical                     |                       |
| Current - Maximum per Contact  | 3.0A                  |
| Voltage - Maximum              | 350V AC/DC            |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -ED/01/2017 (12 January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90136 Series

Mates With

90123 C-Grid III™ Modular Crimp Housing,

90156 C-Grid III™ Crimp Housing

**Solder Process Data**

|           |                    |      |
|-----------|--------------------|------|
| Lead-free | Process Capability | WAVE |
|-----------|--------------------|------|

**Material Info**

**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-90136-001 |
| Sales Drawing           | SDA-90136    |

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