

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

90147-1211

Status:

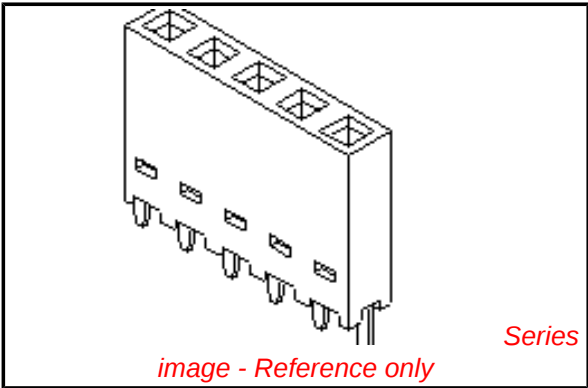
Active

Overview:

C-Grid® Products

Description:

C-Grid® PC Board Connector, Single Row, Vertical, 11 Circuits, Gold (Au) Plating



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

|                                |                        |
|--------------------------------|------------------------|
| Agency Certification           |                        |
| CSA                            | LR19980                |
| UL                             | E29179                 |
| General                        |                        |
| Product Family                 | PCB Receptacles        |
| Series                         | 90147                  |
| Application                    | Board-to-Board, Signal |
| Overview                       | C-Grid® Products       |
| Product Name                   | C-Grid®                |
| UPC                            | 800753674431           |
| Physical                       |                        |
| Circuits (Loaded)              | 11                     |
| Circuits (maximum)             | 11                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 100                    |
| Flammability                   | 94V-0                  |
| Glow-Wire Compliant            | No                     |
| Guide to Mating Part           | No                     |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | No                     |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Tin                    |
| Material - Resin               | Polyester              |
| Net Weight                     | 0.939/g                |
| Number of Rows                 | 1                      |
| Orientation                    | Vertical               |
| PC Tail Length                 | 2.90mm                 |
| PCB Locator                    | No                     |
| PCB Retention                  | Yes                    |
| PCB Thickness - Recommended    | 1.60mm                 |
| Packaging Type                 | Tube                   |
| Pitch - Mating Interface       | 2.54mm                 |
| Pitch - Termination Interface  | 2.54mm                 |
| Plating min - Mating           | 0.381µm                |
| Plating min - Termination      | 3.048µm                |
| Polarized to PCB               | No                     |
| Temperature Range - Operating  | -55°C to +125°C        |
| Termination Interface: Style   | Through Hole           |
| Electrical                     |                        |
| Current - Maximum per Contact  | 3A                     |
| Grounding to PCB               | No                     |
| Voltage - Maximum              | 350V                   |
| Material Info                  |                        |

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series  
90147Series

Mates With  
90120 , 90121

Use With  
90120 , 90121

**Reference - Drawing Numbers**

Sales Drawing

SDA-90147

This document was generated on 08/12/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[90147-1211](#)