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**Part Number:** [0010894286](#)  
**Status:** **Active**  
**Overview:** C-Grid® Products  
**Description:** 2.54mm Pitch C-Grid® Breakaway Header, High Profile, Dual Row, Right Angle, 28 Circuits, 6.10mm Mating Pin Length, 0.76µm Gold (Au) Selective Plating

**Documents:**

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-70216-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                       |
|----------------|---------------------------------------|
| Product Family | PCB Headers                           |
| Series         | <a href="#">70216</a>                 |
| Application    | Board-to-Board, Signal, Wire-to-Board |
| Overview       | <a href="#">C-Grid® Products</a>      |
| Product Name   | C-Grid®                               |
| UPC            | 800753973596                          |

**Physical**

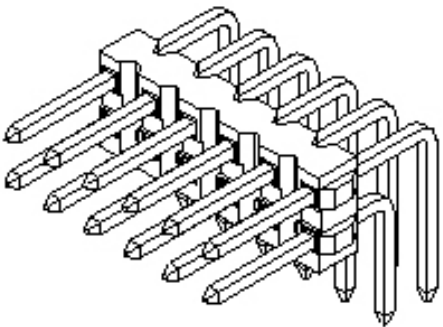
|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | Yes                    |
| Circuits (Loaded)              | 28                     |
| Circuits (maximum)             | 28                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 50                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Compliant            | No                     |
| Lock to Mating Part            | None                   |
| Material - Metal               | Brass, Phosphor Bronze |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Tin                    |
| Material - Resin               | Polyester              |
| Number of Rows                 | 2                      |
| Orientation                    | Right Angle            |
| PC Tail Length                 | 2.79mm                 |
| PCB Locator                    | No                     |
| PCB Retention                  | None                   |
| Packaging Type                 | Tube                   |
| Pitch - Mating Interface       | 2.54mm                 |
| Plating min - Mating           | 3.810µm                |
| Plating min - Termination      | 3.810µm                |
| Polarized to Mating Part       | No                     |
| Polarized to PCB               | No                     |
| Shrouded                       | No                     |
| Stackable                      | Yes                    |
| Temperature Range - Operating  | -40°C to +105°C        |
| Termination Interface: Style   | Through Hole           |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 250V |

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**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      | Not Reviewed |
| ELV             | Not Relevant |
| RoHS Phthalates | Not Reviewed |

**Search Parts in this Series**

[70216 Series](#)

|                                         |     |
|-----------------------------------------|-----|
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C              | 235 |

**Material Info**

**Reference - Drawing Numbers**

|                       |                                |
|-----------------------|--------------------------------|
| Product Specification | PS-70216-001                   |
| Sales Drawing         | SD-70216-001, SD-70216-001-002 |

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