

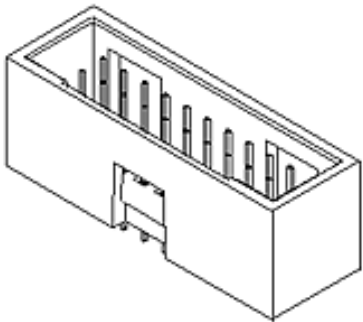
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**Part Number:** [0015800183](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 18 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| <b>Documents:</b>              |                                                                 |
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-70567-001 (PDF)</a>        |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-70873-0018-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

|                             |                                           |
|-----------------------------|-------------------------------------------|
| <b>Agency Certification</b> |                                           |
| CSA                         | LR19980                                   |
| UL                          | E29179                                    |
| <b>General</b>              |                                           |
| Product Family              | PCB Headers                               |
| Series                      | <a href="#">70567</a>                     |
| Application                 | Signal, Wire-to-Board                     |
| Overview                    | <a href="#">C-Grid Connector Products</a> |
| Product Name                | C-Grid                                    |
| Taxonomy                    | PCB Headers and Receptacles               |
| UPC                         | 800753974708                              |

|                                |                                |
|--------------------------------|--------------------------------|
| <b>Physical</b>                |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 18                             |
| Circuits (maximum)             | 18                             |
| Color - Resin                  | Black                          |
| 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, Phosphor Bronze         |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 3.157/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.30mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 2.40mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.54mm                         |
| Pitch - Termination Interface  | 2.54mm                         |
| Plating min - Mating           | 0.381µm                        |
| Plating min - Termination      | 1.905µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | No                             |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | No                             |



Series image - Reference only

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                 |                   |
| <b>Not Relevant</b>                                           |                   |
| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
| <b>Compliant</b>                                              |                   |
| <b>REACH SVHC</b>                                             |                   |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |                   |
| <b>Halogen-Free</b>                                           |                   |
| <b>Status</b>                                                 |                   |
| <b>Low-Halogen</b>                                            |                   |
| 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**  
[70567](#) Series

**Mates With**  
C-Grid Vertical PCB Receptacle [71850](#) ,  
[71395](#) . SL Crimp Housing [70450](#)

|                                                |                    |
|------------------------------------------------|--------------------|
| Temperature Range - Operating                  | -55° to +105°C     |
| Termination Interface: Style                   | Through Hole       |
| <b>Electrical</b>                              |                    |
| Current - Maximum per Contact                  | 2.5A               |
| Voltage - Maximum                              | 250V               |
| <b>Solder Process Data</b>                     |                    |
| Duration at Max. Process Temperature (seconds) | 005                |
| Lead-freeProcess Capability                    | SMC&WAVE           |
| Max. Cycles at Max. Process Temperature        | 001                |
| Process Temperature max. C                     | 245                |
| <b>Material Info</b>                           |                    |
| Engineering Number                             | A-70567-0075       |
| <b>Reference - Drawing Numbers</b>             |                    |
| Packaging Specification                        | PK-70873-0018-001  |
| Product Specification                          | PS-70567-001       |
| Sales Drawing                                  | SDA-70567-XXXX-001 |

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