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**Part Number:** [0713491003](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, Shrouded, 10 Circuits, Tin (Sn) Plating, without Press-fit Plastic Pegs

**Documents:**

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 713080001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification PK-70873-0018 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-71349-001-001 (PDF)</a> |                                                                  |

**Agency Certification**

UL E29179

**General**

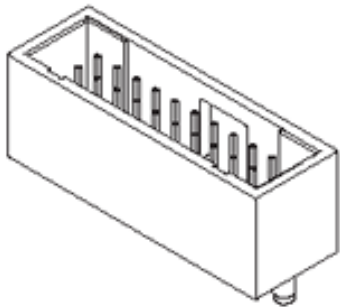
|                |                                           |
|----------------|-------------------------------------------|
| Product Family | PCB Headers                               |
| Series         | <a href="#">71349</a>                     |
| Application    | Signal, Wire-to-Board                     |
| Overview       | <a href="#">C-Grid Connector Products</a> |
| Product Name   | C-Grid                                    |
| UPC            | 800753784482                              |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 10                             |
| Circuits (maximum)             | 10                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| 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      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.366/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.54mm                         |
| Pitch - Termination Interface  | 2.54mm                         |
| Plating min - Mating           | 3.810µm                        |
| Plating min - Termination      | 3.810µm                        |
| Polarized to Mating Part       | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

Current - Maximum per Contact 3.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[71349](#) Series

**Mates With**

[70013](#) Interim Clip, [70450](#) Version A Crimp Housing, [71850](#) Through-hole Receptacle, [71395](#) SMT Receptacle

|                                                |                    |
|------------------------------------------------|--------------------|
| Voltage - Maximum                              | 250V               |
| <b>Solder Process Data</b>                     |                    |
| Duration at Max. Process Temperature (seconds) | 030                |
| Lead-freeProcess Capability                    | REFLOW             |
| Max. Cycles at Max. Process Temperature        | 003                |
| Process Temperature max. C                     | 245                |
| <b>Material Info</b>                           |                    |
| <b>Reference - Drawing Numbers</b>             |                    |
| Application Specification                      | 713080001-AS-000   |
| Packaging Specification                        | PK-70873-0018      |
| Product Specification                          | PS-71349-001-001   |
| Sales Drawing                                  | SDA-71349-XXXX-001 |

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