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**Part Number:** [0717640014](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Breakaway Header, Low Profile, Dual Row, Right-Angle, High Temperature, 14 Circuits, Tin (Sn) Plating

**Documents:**

|                                |                                                                  |
|--------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>       | <a href="#">Application Specification 713080001-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-70873-0075-001 (PDF)</a>  |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

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

**General**

|                |                                           |
|----------------|-------------------------------------------|
| Product Family | PCB Headers                               |
| Series         | <a href="#">71764</a>                     |
| Application    | Board-to-Board, Signal, Wire-to-Board     |
| Overview       | <a href="#">C-Grid Connector Products</a> |
| Product Name   | C-Grid                                    |
| UPC            | 800754019828                              |

**Physical**

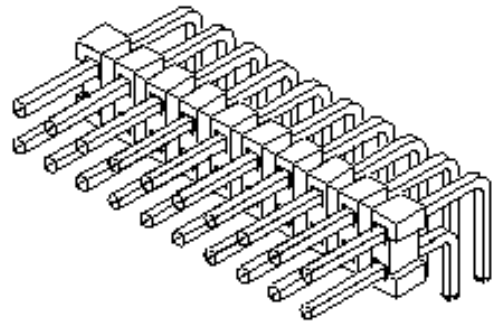
|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | Yes                    |
| Circuits (Loaded)              | 14                     |
| Circuits (maximum)             | 14                     |
| Durability (mating cycles max) | 25                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Capable              | No                     |
| Lock to Mating Part            | None                   |
| Material - Metal               | Brass, Phosphor Bronze |
| Material - Plating Mating      | Tin                    |
| Material - Plating Termination | Tin                    |
| Net Weight                     | 1.208/g                |
| 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                     |
| Shrouded                       | No                     |
| Stackable                      | Yes                    |
| Temperature Range - Operating  | -40° to +105°C         |
| Termination Interface: Style   | Through Hole           |

**Electrical**

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

**Solder Process Data**

|                             |          |
|-----------------------------|----------|
| Lead-freeProcess Capability | SMC&WAVE |
| Process Temperature max. C  | 260      |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[71764 Series](#)

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 713080001-AS-000  |
| Packaging Specification   | PK-70873-0075-001 |
| Sales Drawing             | SD-71764-001-001  |

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