

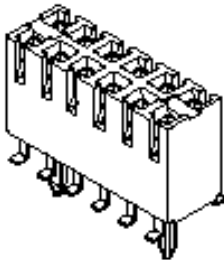
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**Part Number:** [0015453664](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 64 Circuits

**Documents:**  
[3D Model](#) [Product Specification PS-71395-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Application Specification AS-71395-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                           |
|--------------------------------|-------------------------------------------|
| <b>Agency Certification</b>    |                                           |
| CSA                            | LR19980                                   |
| UL                             | E29179                                    |
| <b>General</b>                 |                                           |
| Product Family                 | PCB Receptacles                           |
| Series                         | <a href="#">71395</a>                     |
| Application                    | Board-to-Board, Signal                    |
| Overview                       | <a href="#">C-Grid Connector Products</a> |
| Product Name                   | C-Grid                                    |
| UPC                            | 800753928701                              |
| <b>Physical</b>                |                                           |
| Circuits (Loaded)              | 64                                        |
| Circuits (maximum)             | 64                                        |
| Color - Resin                  | Black                                     |
| Durability (mating cycles max) | 50                                        |
| Flammability                   | 94V-0                                     |
| Glow-Wire Capable              | 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               | High Temperature Thermoplastic            |
| Number of Rows                 | 2                                         |
| Orientation                    | Vertical                                  |
| PC Tail Length                 | 1.47mm                                    |
| PCB Locator                    | Yes                                       |
| PCB Retention                  | Yes                                       |
| PCB Thickness - Recommended    | 1.57mm                                    |
| Packaging Type                 | Tray                                      |
| Pitch - Mating Interface       | 2.54mm                                    |
| Plating min - Mating           | 0.762µm                                   |
| Plating min - Termination      | 1.905µm                                   |
| Polarized to PCB               | No                                        |
| Surface Mount Compatible (SMC) | N/A                                       |
| Temperature Range - Operating  | -40° to +105°C                            |
| Termination Interface: Style   | Surface Mount                             |
| <b>Electrical</b>              |                                           |
| Current - Maximum per Contact  | 2.5A                                      |
| Grounding to PCB               | No                                        |
| Voltage - Maximum              | 250V                                      |

**Solder Process Data**



Series image - Reference only

|                                                                                                                                           |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                      |                   |
| <b>EU RoHS</b><br><b>Not Reviewed</b><br><b>REACH SVHC</b><br>Not Reviewed<br><b>Halogen-Free</b><br><b>Status</b><br><b>Not Reviewed</b> | <b>China RoHS</b> |
| For more information, please visit <a href="#">Contact US</a>                                                                             |                   |
| China ROHS                                                                                                                                | Not Reviewed      |
| ELV                                                                                                                                       | Not Relevant      |
| RoHS Phthalates                                                                                                                           | Not Reviewed      |

**Search Parts in this Series**  
[71395 Series](#)

**Mates With**  
C-Grid Vertical Header [70246](#) , [70227](#) ,  
[70567](#) <br> C-Grid Right Angle Header  
[70247](#) , [74162](#) <br> C-Grid Breakaway  
Header [70287](#) , [70280](#) , [70524](#)

|                                    |                            |                    |
|------------------------------------|----------------------------|--------------------|
| Lead-free                          | Process Capability         | REFLOW             |
|                                    | Process Temperature max. C | 260                |
| <b>Material Info</b>               |                            |                    |
|                                    | Engineering Number         | A71395-0264        |
| <b>Reference - Drawing Numbers</b> |                            |                    |
|                                    | Application Specification  | AS-71395-001-001   |
|                                    | Product Specification      | PS-71395-001       |
|                                    | Sales Drawing              | SDA-71395-0XXX-001 |

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