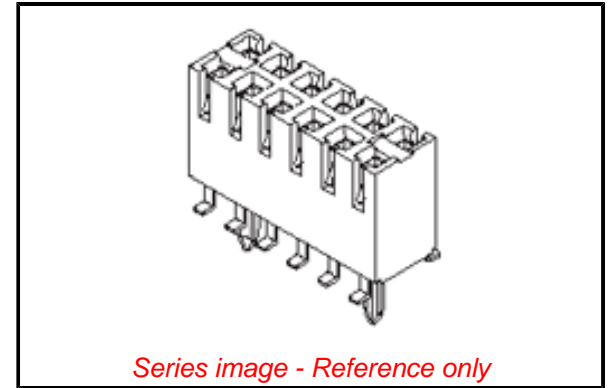


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Part Number: [0015453110](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 10 Circuits

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-71395-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-0304-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-71395-001 (PDF) | |



Agency Certification

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

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 71395 |
| Application | Board-to-Board, Signal |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 800754203593 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 |
| Net Weight | 0.830/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 1.47mm |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.57mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.54mm |
| Plating min - Mating | 0.381µm |
| 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 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
|-------------------------------|------|

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[71395 Series](#)

Mates With

C-Grid Vertical Header [70246](#) , [70567](#) . C-Grid Right-Angle Header [70247](#) , [74162](#) . C-Grid Vertical Breakaway Header [70280](#) , [71308](#) , [70287](#) . C-Grid Right-Angle Breakaway Header [71764](#) , [70216](#)

| | |
|------------------------------------|--------------------|
| Grounding to PCB | No |
| Voltage - Maximum | 250V |
| Solder Process Data | |
| Lead-free Process Capability | REFLOW |
| Process Temperature max. C | 260 |
| Material Info | |
| Engineering Number | A713951110 |
| Reference - Drawing Numbers | |
| Application Specification | AS-71395-001-001 |
| Packaging Specification | PK-70873-0304-001 |
| Product Specification | PS-71395-001 |
| Sales Drawing | SDA-71395-1XXX-001 |

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