

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015453514](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 14 Circuits

Documents:

| | |
|--------------------------------|---|
| Drawing (PDF) | Product Specification PS-71395-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-70873-0662-001 (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

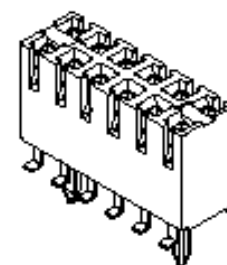
| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 71395 |
| Application | Board-to-Board, Signal |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 800754204002 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| 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 | 1.185/g |
| 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 | 0.381µm |
| 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 |
| Grounding to PCB | No |
| Voltage - Maximum | 250V |



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

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](#) , [70227](#) ,
[70567](#)
 C-Grid Right Angle Header
[70247](#) , [74162](#)
 C-Grid Breakaway
Header [70287](#) , [70280](#) , [70524](#)

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info

| | |
|--------------------|------------|
| Engineering Number | A713950114 |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|-------------------------|--------------------|
| Packaging Specification | PK-70873-0662-001 |
| Product Specification | PS-71395-001 |
| Sales Drawing | SDA-71395-0XXX-001 |

This document was generated on 09/13/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[15-45-3514](#)