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Part Number: [0015453114](#)
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:

| | |
|--|--|
| 3D Model | Application Specification 713080001-AS-000 (PDF) |
| 3D Model (PDF) | Application Specification AS-71395-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-0304-001 (PDF) |
| Product Specification PS-71395-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

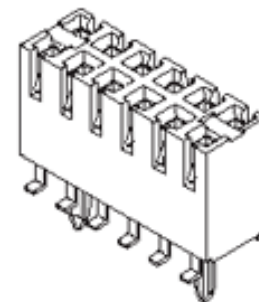
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|----------------|---|
| Product Family | PCB Receptacles |
| Series | 71395 |
| Application | Board-to-Board, Signal |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 800755002454 |

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 |
| 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 |
| Grounding to PCB | No |
| Voltage - Maximum | 250V |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

| | |
|-----------------|--------------|
| China ROHS | Not Reviewed |
| ELV | Not Relevant |
| RoHS Phthalates | Not Reviewed |

China RoHS

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

Lead-free Process Capability
Process Temperature max. C

REFLOW
260

Material Info

Engineering Number

71395-1114

Reference - Drawing Numbers

Application Specification

713080001-AS-000, 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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