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Part Number: [0015453444](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 44 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification TS-70541-001-001 (PDF) |
| Drawing (PDF) | Application Specification AS-71395-001-001 (PDF) |
| Product Specification PS-71395-001 (PDF) | 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® Products |
| Product Name | C-Grid® |
| UPC | 800754611763 |

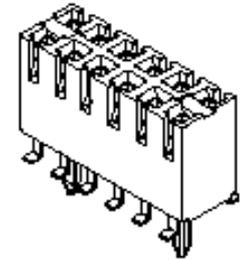
Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 44 |
| Circuits (maximum) | 44 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| 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 | 3.810µm |
| Plating min - Termination | 3.810µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
| Grounding to PCB | No |
| Voltage - Maximum | 250V |

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|------------|--------------|
| China ROHS | Not Reviewed |
|------------|--------------|

| | |
|-----|--------------|
| ELV | Not Relevant |
|-----|--------------|

| | |
|-----------------|--------------|
| RoHS Phthalates | Not Reviewed |
|-----------------|--------------|

Search Parts in this Series

[71395 Series](#)

Mates With

[8624 C-Grid® Breakaway Header](#), [70246 Straight Header](#), [70247 Right Angle Header](#), [70287 C-Grid® Header](#), [70227 Dual Row C-Grid® Header](#), [70567 C-Grid® Header](#), [70280 C-Grid® Breakaway Header](#), [70524 C-Grid® Breakaway Header](#)

Lead-free Process Capability
Process Temperature max. C

REFLOW
260

Material Info

Engineering Number

71395-0044

Reference - Drawing Numbers

Application Specification

AS-71395-001-001

Product Specification

PS-71395-001, TS-70541-001-001

Sales Drawing

SDA-71395-0***

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