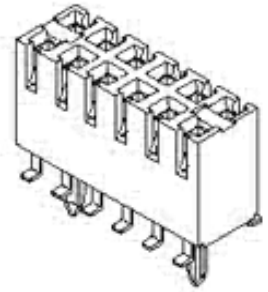
molex



**Part Number :** 15453228
**Product Description :** 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 28 Circuits
**Series Number :** 71395
**Status :** Active
**Product Category :** PCB Headers and Receptacles
**Engineering Part Number :** 71395-1028

## Documents and Resources

### Drawings

015453228_sd.pdf

PK-70873-0304-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

713080001-AS-000.pdf

AS-71395-001-001.pdf

PS-71395-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | Not Reviewed per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| REACH SVHC | Not Reviewed per D(2025)7771-DC (04 Feb 2026) |

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| | |
|---|---|
| EU RoHS | Not Reviewed per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 71395 |
| Description | 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 28 Circuits |
| Application | Board-to-Board |
| Component Type | PCB Receptacle |
| Product Name | C-Grid |
| UPC | 800755002829 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 2.50A |

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| | |
|---|---|
| Voltage - Maximum | 250V AC (RMS) |

## Physical

| | |
|---|---|
| Circuits (Loaded) | 28 |
| Circuits (maximum) | 28 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | No |
| 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 |
| Packaging Type | Tray |
| PCB Locator | No |
| PCB Retention | No |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Plating min - Mating | 3.810µm |
| Plating min - Termination | 3.810µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Surface Mount |

## Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | REFLOW |

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| | |
|---|---|
| Max-Temp | 260 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| C-Grid Vertical, Dual Row, Low Profile Headers | 70246 |
| C-Grid Vertical, Dual Row, Through Hole Headers without Peg | 70567 |
| C-Grid Right-Angle, Dual Row, Low Profile Headers | 70247 |
| C-Grid Right-Angle, Dual Row, Through Hole Headers | 74162 |
| C-Grid Vertical Dual Row Breakaway Headers | 70280 |
| C-Grid Vertical Dual Row Breakaway Headers with Retention Pin | 70287 |
| C-Grid Vertical, Dual Row, Surface Mount Breakaway Headers | 71308 |
| C-Grid Right-Angle Dual Row Breakaway Headers | 70216 |
| C-Grid Right-Angle, Dual Row, Low Profile, Breakaway Headers | 71764 |



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