

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0719731120

Status:

Active

Overview:

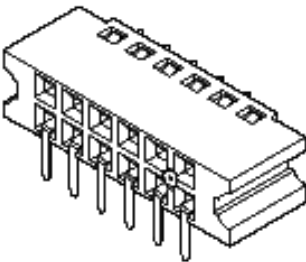
C-Grid Connector Products

Description:

2.54mm Pitch C-Grid PCB Connector, Dual Row, Right-Angle, Early Entry Receptacle, with Flange, 40 Circuits

|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| Documents:                     |                                                                 |
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-71973-9999-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-70873-0139-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Agency Certification                           |                                |
| CSA                                            | LR19980                        |
| UL                                             | E29179                         |
| General                                        |                                |
| Product Family                                 | PCB Receptacles                |
| Series                                         | 71973                          |
| Application                                    | Board-to-Board, Signal         |
| Overview                                       | C-Grid Connector Products      |
| Product Name                                   | C-Grid                         |
| UPC                                            | 800754353915                   |
| Physical                                       |                                |
| Circuits (Loaded)                              | 40                             |
| Circuits (maximum)                             | 40                             |
| Color - Resin                                  | Black                          |
| Durability (mating cycles max)                 | 50                             |
| Flammability                                   | 94V-0                          |
| Glow-Wire Capable                              | No                             |
| Material - Metal                               | Phosphor Bronze                |
| Material - Plating Mating                      | Gold                           |
| Material - Plating Termination                 | Tin                            |
| Material - Resin                               | High Temperature Thermoplastic |
| Net Weight                                     | 4.759/g                        |
| Number of Rows                                 | 2                              |
| Orientation                                    | Right Angle                    |
| PC Tail Length                                 | 3.05mm                         |
| PCB Locator                                    | No                             |
| PCB Retention                                  | None                           |
| PCB Thickness - Recommended                    | 3.05mm                         |
| Packaging Type                                 | Tube                           |
| Pitch - Mating Interface                       | 2.54mm                         |
| Plating min - Mating                           | 0.762µm                        |
| Plating min - Termination                      | 1.905µm                        |
| Polarized to PCB                               | No                             |
| Temperature Range - Operating                  | -40° to +105°C                 |
| Termination Interface: Style                   | Through Hole                   |
| Electrical                                     |                                |
| Current - Maximum per Contact                  | 2.0A                           |
| Voltage - Maximum                              | 250V                           |
| Solder Process Data                            |                                |
| Duration at Max. Process Temperature (seconds) | 010                            |
| Lead-freeProcess Capability                    | WAVE                           |
| Max. Cycles at Max. Process Temperature        | 003                            |
| Process Temperature max. C                     | 260                            |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Not Reviewed                                                  |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/30/2017 (7 July 2017)                  |               |
| Halogen-Free Status                                           |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Not Relevant  |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

71973 Series

Mates With

70204

## Material Info

Engineering Number

A719731120

### Reference - Drawing Numbers

## Packaging Specification

PK-70873-0139-001

## Product Specification

PS-71973-9999-001

## Sales Drawing

SDA-71973-XXXX

This document was generated on 02/22/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

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

Molex:

71973-1120