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**Part Number:** 0025021032  
**Status:** Active  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid Header, Dual Row, Shrouded, with PC Slot and Guide Ear, 32 Circuits, 0.76µm Gold (Au) Selective Plating

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-70204-001 \(PDF\)](#)  
[Packaging Specification PK-70873-0070-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

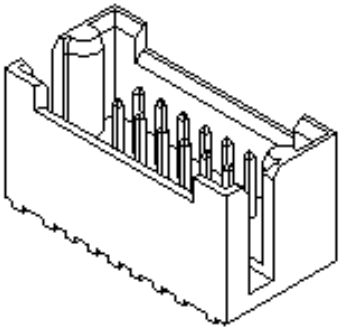
Product Family PCB Headers  
Series 70204  
Application Board-to-Board, Signal  
Overview C-Grid Connector Products  
Product Name C-Grid  
UPC 800753780194

**Physical**

Breakaway No  
Circuits (Loaded) 32  
Circuits (maximum) 32  
Color - Resin Black  
Durability (mating cycles max) 50  
Flammability 94V-0  
Glow-Wire Capable No  
Guide to Mating Part Yes  
Lock to Mating Part None  
Material - Metal Brass, Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin Nylon  
Net Weight 6.252/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 2.79mm  
PCB Locator No  
PCB Retention None  
Packaging Type Tray  
Pitch - Mating Interface 2.54mm  
Plating min - Mating 0.762µm  
Plating min - Termination 1.905µm  
Polarized to Mating Part Yes  
Polarized to PCB No  
Shrouded Fully  
Stackable No  
Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 3.0A  
Voltage - Maximum 250V



Series image - Reference only

**EU ELV**

Not Relevant

**EU RoHS**

Compliant

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

Not Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

70204 Series

**Mates With**

71973

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 245  |

**Material Info**

|                    |              |
|--------------------|--------------|
| Engineering Number | A-70204-0335 |
|--------------------|--------------|

**Reference - Drawing Numbers**

|                         |                     |
|-------------------------|---------------------|
| Packaging Specification | PK-70873-0070-001   |
| Product Specification   | PS-70204-001        |
| Sales Drawing           | SDA-70204-0321-0384 |

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