

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0025021052](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Header, Dual Row, Shrouded, with PC Slot and Guide Ear, 52 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

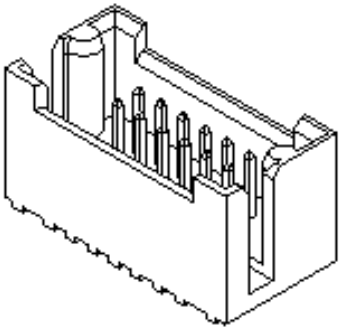
Product Family PCB Headers
Series [70204](#)
Application Board-to-Board, Signal
Overview [C-Grid Connector Products](#)
Product Name C-Grid
UPC 800753986114

Physical

Breakaway No
Circuits (Loaded) 52
Circuits (maximum) 52
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 9.652/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-70204-0345
--------------------	--------------

Reference - Drawing Numbers

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

This document was generated on 03/27/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[25-02-1052](#)