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Part Number: 0025021012
Status: Active
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Dual Row, Shrouded, with PC Slot and Guide Ear, 12 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

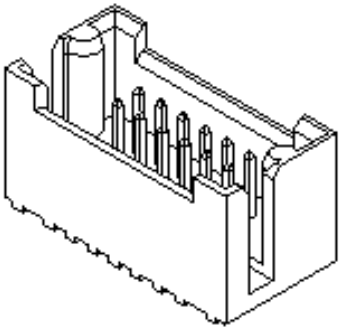
Product Family PCB Headers
Series 70204
Application Board-to-Board, Signal
Overview C-Grid Connector Products
Product Name C-Grid
UPC 800753780101

Physical

Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
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 2.852/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-70204-0325
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Reference - Drawing Numbers

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

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