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Part Number: [0025022012](#)
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, Tin (Sn) 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 800753986466

Physical

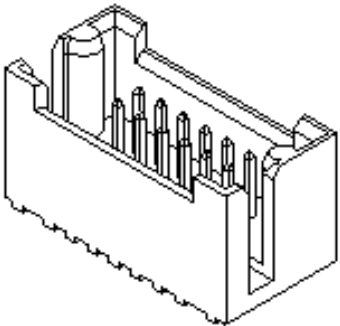
Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Capable No
Guide to Mating Part Yes
Lock to Mating Part None
Material - Metal Brass, Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 2.864/g
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 3.810µm
Plating min - Termination 3.810µm
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

Solder Process Data

Duration at Max. Process Temperature (seconds) 005



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](#)

Lead-free	Process Capability	WAVE
Max. Cycles at Max. Process Temperature		001
Process Temperature max. C		235
Material Info		
Engineering Number		A-70204-0389
Reference - Drawing Numbers		
Packaging Specification		PK-70873-0070-001
Product Specification		PS-70204-001
Sales Drawing		SDA-70204-0385-0448

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