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Part Number: [25-02-6050](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Header, Dual Row, Shrouded, with PC Slot and Guide Ear, 50 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

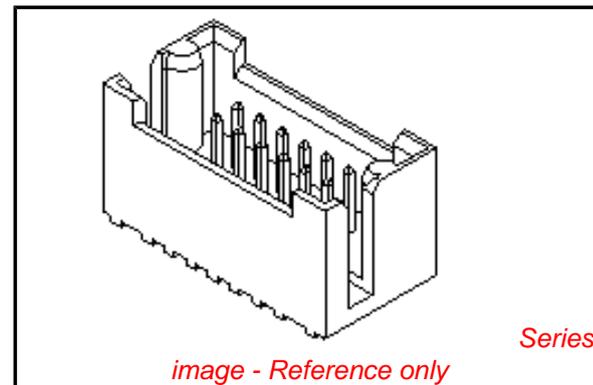
Product Family PCB Headers
 Series [70204](#)
 Application Board-to-Board, Signal
 Overview [C-Grid® Products](#)
 Product Name C-Grid®
 UPC 800753781191

Physical

Breakaway No
 Circuits (Loaded) 50
 Circuits (maximum) 50
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Compliant 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 9.312/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 0.381µm
 Plating min - Termination 1.905µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Fully
 Stackable No
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
 Voltage - Maximum 250V



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[70204Series](#)

Mates With

[71973](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	245

Material Info

Old Part Number	70204-0280
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Reference - Drawing Numbers

Product Specification	PS-70204
Sales Drawing	SDA-70204-0257-0320

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