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Part Number: [71349-5042](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, Shrouded, 20 Circuits, 0.76µm Gold (Au) Selective Plating, without Press-fit Plastic Pegs

Documents:

[3D Model](#) [Product Specification PS-71349-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [71349](#)
Application Signal, Wire-to-Board
Overview [C-Grid® Products](#)
Product Name C-Grid®
UPC 800756013329

Physical

Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Black
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass, Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Plating min - Mating 0.762µm
Plating min - Termination 1.905µm
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Closed Ends
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 2.5A
Voltage - Maximum 250V DC

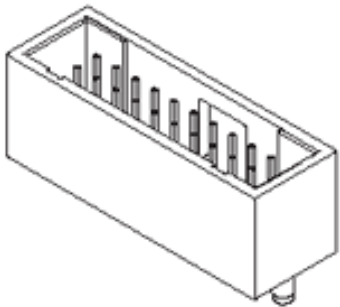


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Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

[71349Series](#)

Mates With

[70013](#) Interim Clip, [70450](#) Version A Crimp
Housing, [71850](#) Through-hole Receptacle,
[71395](#) SMT Receptacle

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Product Specification	PS-71349-001
Sales Drawing	SDA-71349-****

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