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Part Number: [15-91-5489](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 48 Circuits, 0.76µm Gold (Au) Selective Plating, without PCB Locator Pegs, with 8.13mm Mating Pin Length

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-71308 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [71308](#)
Application Board-to-Board, Signal, Wire-to-Board
Overview [C-Grid® Products](#)
Product Name C-Grid®
UPC 800756202600

Physical

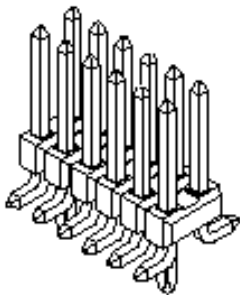
Breakaway Yes
Circuits (Loaded) 48
Circuits (maximum) 48
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 11.683/g
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Tube
Pitch - Mating Interface 2.54mm
Plating min - Mating 0.813µm
Plating min - Termination 2.032µm
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable Yes
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Surface Mount

Electrical

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

Solder Process Data

Lead-free Process Capability Reflow Capable (SMT only)



Series

image - Reference only

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
[71308Series](#)

Process Temperature max. C	260
Material Info	
Old Part Number	71308-1248N
Reference - Drawing Numbers	
Product Specification	PS-71308, RPS-71308-001
Sales Drawing	SD-71308-001

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