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Part Number: [87911-1207](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Header, Right Angle, Through Hole, 12 Circuits, 0.38µm Gold (Au) Selective Plating, Tube Packaging, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-87920-019 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [87911](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [C-Grid® Products](#)
 Product Name C-Grid®
 UPC 884982041851

Physical

Breakaway Yes
 Circuits (Loaded) 12
 Circuits (maximum) 12
 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 None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.635/g
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 2.79mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 0.381µm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Through Hole

Electrical

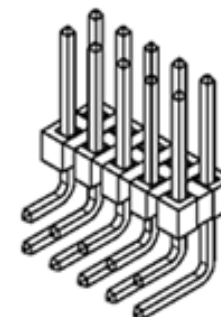


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Series

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

[87911Series](#)

Mates With

[7859 Shunts](#), [71850 C-Grid® PCB Receptacles](#), [70450 SL™ IDT Housing](#)

Current - Maximum per Contact
Voltage - Maximum

3A
250V

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-87920-019
SD-87911-037

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