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Part Number: [90142-0050](#)
Status: **Active**
Overview: C-Grid III™
Description: 2.54mm Pitch C-Grid III™ Crimp Housing Dual Row, 50 Circuits

Documents:

[3D Model](#) [Product Specification PS-99020-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Crimp Housings
 Series [90142](#)
 Application Signal, Wire-to-Board
 Overview [C-Grid III™](#)
 Product Name C-Grid III™
 UPC 800753656024

Physical

Breakaway No
 Circuits (maximum) 50
 Color - Resin Black
 Flammability 94V-0
 Gender Female
 Glow-Wire Compliant No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Resin PPO
 Net Weight 3.387/g
 Number of Rows 2
 Packaging Type Bag
 Panel Mount No
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Polarized to Mating Part Yes
 Ports 0
 Stackable No
 Temperature Range - Operating -55°C to +105°C

Electrical

Current - Maximum per Contact 3A

Material Info

Reference - Drawing Numbers

Product Specification PS-99020-0001
 Sales Drawing SD-90142

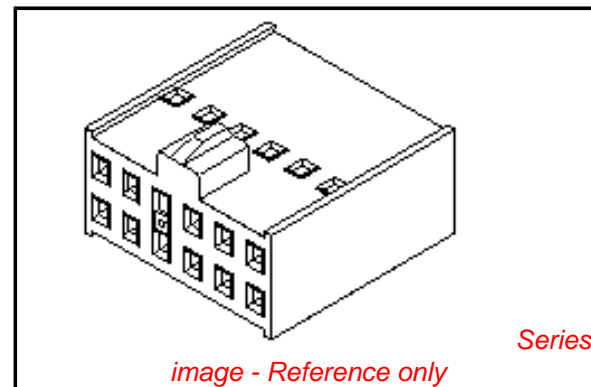


image - Reference only

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

[90142Series](#)

Mates With

C-Grid III™ Header, Dual Row [90122](#) ,
[90130](#) , [90131](#)

Use With

C-Grid III™ Crimp Terminal [90119](#)