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**Part Number:** [90142-0040](#)  
**Status:** **Active**  
**Overview:** C-Grid III™  
**Description:** 2.54mm Pitch C-Grid III™ Crimp Housing Dual Row, 40 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 800753656239

**Physical**

Breakaway No  
 Circuits (maximum) 40  
 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 2.716/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

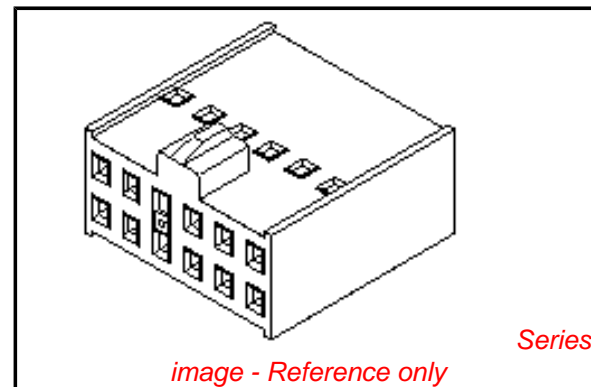
**Solder Process Data**

Duration at Max. Process Temperature (seconds) 2  
 Max. Cycles at Max. Process Temperature 1  
 Process Temperature max. C 235

**Material Info**

**Reference - Drawing Numbers**

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



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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](#)

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