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**Part Number:** [0901420040](#)  
**Status:** **Active**  
**Overview:** [C-Grid III™](#)  
**Description:** 2.54mm (.100") 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 \(PDF\)](#)

**General**

Product Family Crimp Housings  
Series [90142](#)  
Overview [C-Grid III™](#)  
Product Name C-Grid III™

**Physical**

Breakaway No  
Circuits (maximum) 40  
Color - Resin Black  
Gender Female  
Glow-Wire Compliant No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Resin PPO  
Number of Rows 2  
Packaging Type Bag  
Panel Mount No  
Pitch - Mating Interface (in) 0.100 In  
Pitch - Mating Interface (mm) 2.54 mm  
Pitch - Term. Interface (in) 0.100 In  
Pitch - Term. Interface (mm) 2.54 mm  
Polarized to Mating Part Yes  
Ports 0  
Stackable No  
Temperature Range - Operating -55°C to +105°C

**Electrical**

Current - Maximum 3A

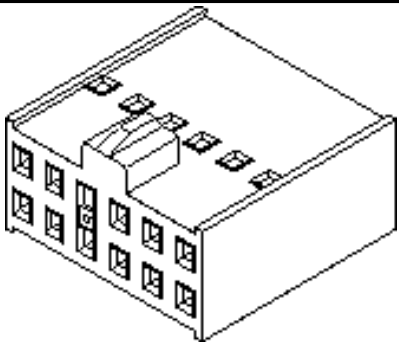
**Solder Process Data**

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



Series image - Reference only

**EU RoHS**

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

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**  
[90142](#) Series

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

**Use With**  
C-Grid III™ Crimp Terminal [90119](#)