

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0901420040**  
**Status:** **Active**  
**Overview:** C-Grid III Interconnects  
**Description:** 2.54mm Pitch C-Grid III Crimp Housing Dual Row, 40 Circuits, Black

**Documents:**

[3D Model](#) [Packaging Specification PK-90142-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0001-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series 90142  
 Application Signal, Wire-to-Board  
 Overview C-Grid III Interconnects  
 Product Name C-Grid III  
 UPC 800753656239

**Physical**

Breakaway No  
 Circuits (maximum) 40  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Receptacle  
 Glow-Wire Capable 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° to +105°C

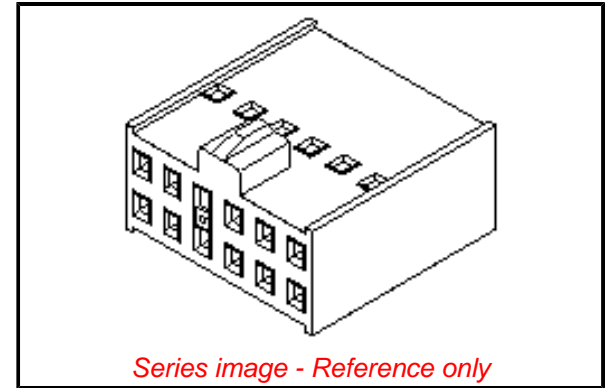
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-90142-0001  
 Product Specification PS-99020-0001-001  
 Sales Drawing SD-90142



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**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