

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

**Part Number:** [0901430050](#)  
**Status:** **Active**  
**Overview:** C-Grid III Interconnects  
**Description:** 2.54mm Pitch C-Grid III Modular Crimp Housing, Dual Row, 50 Circuits, Black

**Documents:**

[3D Model](#) [Packaging Specification PK-90143-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0001-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Crimp Housings  
 Series [90143](#)  
 Application Signal, Wire-to-Board  
 Comments No Buttons, No Buttons  
 Overview [C-Grid III Interconnects](#)  
 Product Name C-Grid III  
 UPC 800753529694

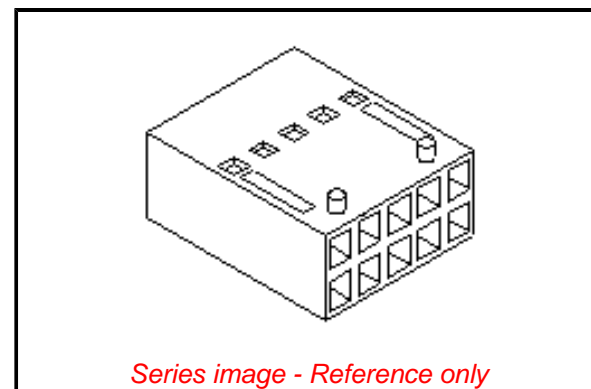
**Physical**

Breakaway No  
 Circuits (maximum) 50  
 Circuits Detail No Voided Circuits  
 Color - Resin Black  
 Flammability 94V-1  
 Gender Receptacle  
 Glow-Wire Capable No  
 Keying to Mating Part None  
 Lock to Mating Part No  
 Material - Resin PPO  
 Net Weight 2.849/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 No  
 Ports 1  
 Stackable Yes  
 Temperature Range - Operating -55° to +105°C

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-90143-0001  
 Product Specification PS-99020-0001-001  
 Sales Drawing SD-90143



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**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**

[90143 Series](#)

**Mates With**

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

**Use With**

C-Grid III Crimp Terminal [90119](#)

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