

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

**Part Number:** [0901430040](#)  
**Status:** **Active**  
**Overview:** C-Grid III™  
**Description:** 2.54mm Pitch C-Grid III™ Modular Crimp Housing, Dual Row, 40 Circuits

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family Crimp Housings  
 Series [90143](#)  
 Application Signal, Wire-to-Board  
 Comments No Buttons  
 Overview [C-Grid III™](#)  
 Product Name C-Grid III™  
 UPC 800753530157

**Physical**

Breakaway No  
 Circuits (maximum) 40  
 Circuits Detail No Voided Circuits  
 Color - Resin Black  
 Flammability 94V-1  
 Gender Receptacle  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part No  
 Material - Resin PPO  
 Net Weight 2.278/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°C to +105°C

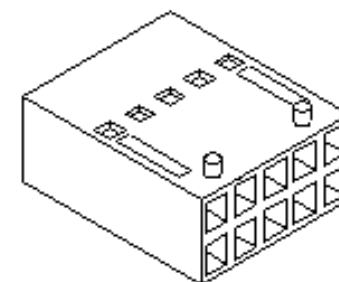
**Electrical**

Current - Maximum per Contact 3.0A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-90143-0001  
 Sales Drawing SD-90143



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | 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](#)