

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0901420020](#)  
**Status:** **Active**  
**Overview:** [C-Grid III Interconnects](#)  
**Description:** 2.54mm Pitch C-Grid III Crimp Housing Dual Row, 20 Circuits, Black

**Documents:**

|                                |                                                               |
|--------------------------------|---------------------------------------------------------------|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-99020-0001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |
| <a href="#">3D Model (PDF)</a> |                                                               |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                          |
|----------------|------------------------------------------|
| Product Family | Crimp Housings                           |
| Series         | <a href="#">90142</a>                    |
| Application    | Signal, Wire-to-Board                    |
| Overview       | <a href="#">C-Grid III Interconnects</a> |
| Product Name   | C-Grid III                               |
| UPC            | 800753657786                             |

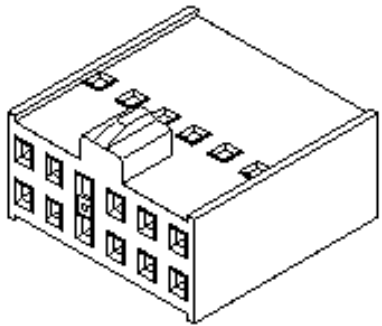
**Physical**

|                               |                |
|-------------------------------|----------------|
| Breakaway                     | No             |
| Circuits (maximum)            | 20             |
| Color - Resin                 | Black          |
| Flammability                  | 94V-1          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | PPO            |
| Net Weight                    | 1.280/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 |

**Material Info**

**Reference - Drawing Numbers**

|                       |                   |
|-----------------------|-------------------|
| Product Specification | PS-99020-0001-001 |
| Sales Drawing         | SD-90142-001      |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | 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](#) <br> C-  
Grid III Pre-Crimped Lead [797582022](#) ,  
[797582023](#)