



**Part Number :** [901230102](#)  
**Product Description :** 2.54mm Pitch C-Grid III  
Modular Crimp Housing Single Row, 2 Polarizing  
Buttons, 2 Circuits, Black  
**Series Number :** 90123  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[901230102 sd.pdf](#)  
[PK-90123-0001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

### Specifications

[901190001-AS-000.pdf](#)  
[PS-99020-0001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Compliant per 2000/53/EC                                                                                     |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Contains Triphenyl-phosphate per D(2025)4165-DC (25 June 2025)                                               |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### [Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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## Part Details

### General

|              |                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                            |
| Category     | Connector Housings                                                                                |
| Series       | 90123                                                                                             |
| Description  | 2.54mm Pitch C-Grid III Modular Crimp Housing Single Row, 2 Polarizing Buttons, 2 Circuits, Black |
| Application  | Signal, Wire-to-Board                                                                             |
| Comments     | 2 Polarizing Buttons                                                                              |
| Product Name | C-Grid III                                                                                        |
| UPC          | 800753707351                                                                                      |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Physical

|                    |            |
|--------------------|------------|
| Circuits (maximum) | 2          |
| Color - Resin      | Black      |
| Flammability       | 94V-1      |
| Gender             | Receptacle |
| Glow-Wire Capable  | No         |
| Material - Resin   | PPO        |
| Net Weight         | 0.113/g    |

|                               |                |
|-------------------------------|----------------|
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 2.54mm         |
| Stackable                     | Yes            |
| Temperature Range - Operating | -55° to +105°C |

### Solder Process Data

|                              |     |
|------------------------------|-----|
| Max-Duration                 | 2   |
| Lead-Free Process Capability | N/A |
| Max-Cycle                    | 1   |
| Max-Temp                     | 120 |

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### Mates With / Use With

#### Mates with Part(s)

| Description                               | Part Number                  |
|-------------------------------------------|------------------------------|
| C-Grid III Vertical Single Row Headers    | <a href="#"><u>90120</u></a> |
| C-Grid III Single Row Headers             | <a href="#"><u>90136</u></a> |
| C-Grid III Right-Angle Single Row Headers | <a href="#"><u>90121</u></a> |

#### Use with Part(s)

| Description                                                                                               | Part Number                      |
|-----------------------------------------------------------------------------------------------------------|----------------------------------|
| Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 150.00mm Length, 22 AWG, Black | <a href="#"><u>797582022</u></a> |
| Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black | <a href="#"><u>797582023</u></a> |
| C-Grid III Female Crimp Terminals                                                                         | <a href="#"><u>90119</u></a>     |