



**Part Number :** [901430008](#)  
**Product Description :** 2.54mm Pitch C-Grid III  
Modular Crimp Housing, Dual Row, 8 Circuits,  
Black  
**Series Number :** 90143  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[901430008\\_sd.pdf](#)

**3D Models and Design Files**  
[901430008\\_stp.zip](#)

**Specifications**  
[PS-99020-0001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	90143
Description	2.54mm Pitch C-Grid III Modular Crimp Housing, Dual Row, 8 Circuits, Black
Application	Signal, Wire-to-Board
Comments	No Buttons
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid III
UPC	800753655201

#### Agency

UL	E29179
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#### Physical

Breakaway	No
Circuits Detail	No Voided Circuits
Circuits (maximum)	8
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	0.377/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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
C-Grid III Right-Angle Dual Row Headers	<u>90122</u>
C-Grid III Dual Row Headers	<u>90130</u>
C-Grid III Vertical Dual Row Headers	<u>90131</u>

### 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	<u>797582022</u>
Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black	<u>797582023</u>
C-Grid III Female Crimp Terminals	<u>90119</u>