



Part Number : [901560147](#)

Series Number : 90156

Product Category : Connector Housings

Product Description : 2.54mm Pitch C-Grid III Crimp Housing Single Row, 7 Circuits, Black

Status : Active

Documents & Resources

Drawings

[Drawing 901560147\\_sd.pdf](#)

[Packaging Design Drawing PK-90156-0001-001.pdf](#)

3D Models and Design Files

[3D Model 901560147\\_stp.zip](#)


Specifications

[Application Specification 901190001-AS-000.pdf](#)

[Product Specification 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

## Part Details

### General

Status	Active
Category	Connector Housings
Series	90156
Description	2.54mm Pitch C-Grid III Crimp Housing Single Row, 7 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid III
UPC	800753668119

### Agency

UL	E29179
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### Physical

Breakaway	No
Circuits (maximum)	7
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	PPO
Net Weight	0.585/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.54mm
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 Vertical Single Row Headers	<u>90120</u>
C-Grid III Single Row Headers	<u>90136</u>
C-Grid III Right-Angle Single Row Headers	<u>90121</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><a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582022.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582022.html</a></u>
Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582023.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582023.html</a></u>
C-Grid III Female Crimp Terminals	<u>90119</u>