



Part Number : [901560146](#)

Series Number : [90156](#)

Product Category : [Connector Housings](#)

Product Description : [2.54mm Pitch C-Grid III Crimp Housing Single Row, 6 Circuits, Black](#)

Status : [Active](#)

Documents & Resources

Drawings

[Drawing 901560146_sd.pdf](#)

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

3D Models and Design Files

[3D Model 901560146_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, 6 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid III
UPC	800753668058

Agency

UL	E29179
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Physical

Breakaway	No
Circuits (maximum)	6
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	PPO
Net Weight	0.512/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.54mm
Temperature Range - Operating	-55° to +105°C

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>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582022.html</u>
Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582023.html</u>
C-Grid III Female Crimp Terminals	<u>90119</u>