



Part Number : [901430024](#)

Product Description : 2.54mm Pitch C-Grid III
Modular Crimp Housing, Dual Row, 24
Circuits, Black

Series Number : 90143

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

[Drawing 901430024_sd.pdf](#)

3D Models and Design Files


[3D Model 901430024_stp.zip](#)

Specifications

[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 ED/88/2018 (15 January 2019)
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)

Part Details

General

Status	Active
Category	Connector Housings
Series	90143
Description	2.54mm Pitch C-Grid III Modular Crimp Housing, Dual Row, 24 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	800753533899

Agency

UL	E29179
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Physical

Breakaway	No
Circuits Detail	No Voided Circuits
Circuits (maximum)	24
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	1.140/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

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>/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>