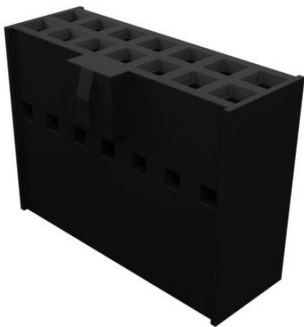




Part Number : [901420014](#)
Product Description : 2.54mm Pitch C-Grid III Crimp
Housing Dual Row, 14 Circuits, Black
Series Number : 90142
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

- [901420014 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained 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

Part Details

General

Status	Active
Category	Connector Housings
Series	90142
Description	2.54mm Pitch C-Grid III Crimp Housing Dual Row, 14 Circuits, Black
Application	Signal, Wire-to-Board
Product Name	C-Grid III
UPC	800753658264

Agency

CSA	LR19980
UL	E29179

Physical

Breakaway	No
Circuits (maximum)	14
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	PPO
Net Weight	0.972/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	Yes
Ports	0
Stackable	No
Temperature Range - Operating	-55° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A
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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>