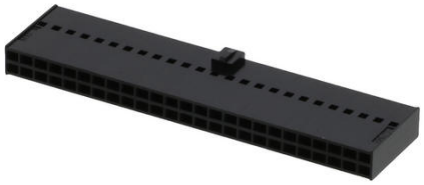
Part Number : 901420050
Product Description : 2.54mm Pitch C-Grid III Crimp Housing Dual Row, 50 Circuits, Black
Series Number : 90142
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

901420050_sd.pdf

3D Models and Design Files

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	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Triphenyl-phosphate per D(2025)7771-DC (04 Feb 2026)
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

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- 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, 50 Circuits, Black
Application	Wire-to-Board
Component Type	Receptacle
Product Name	C-Grid III
UPC	800753656024

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	50
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	PPO
Net Weight	3.387/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No

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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

Mates With / Use With

Mates with Part(s)

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

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

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