molex



Part Number : 1510492209
Product Description : CP-6.5 Receptacle Housing, 6.50mm Pitch, Dual Row, Polarized, Positive Lock, 2 Circuits, Red
Series Number : 151049
Status : Active
Product Category : Connector Housings

Documents and Resources

Drawings

1510492209_sd.pdf

PK-151049-0001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-151048-0001-001.pdf

1510480001-TS-000.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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- 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	151049
Description	CP-6.5 Receptacle Housing, 6.50mm Pitch, Dual Row, Polarized, Positive Lock, 2 Circuits, Red
Application	Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Component Type	Receptacle
Product Name	CP-6.5
UPC	889056065849

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	2
Color - Resin	Red

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Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	PBTP
Net Weight	1.007/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	6.50mm
Pitch - Termination Interface	6.50mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tray Packaging, Glow-Wire Capable, 2 Circuits, Red	1510481209
CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tube Packaging, Glow-Wire Capable, 2 Circuits, Red	1510482209

Use with Part(s)

Description	Part Number
CP-6.5 Wire-to-Board Crimp Terminal, Female, 22-16 AWG,	505978000

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Reel	
CP-6.5 Wire-to-Board Crimp Terminal, Female, 26-20 AWG, Reel	505988000
CP-6.5 Terminal Position Assurance (TPA) Retainer, 1 Circuit	511430105

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