



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 & Resources

Drawings

[Drawing 1510492209_sd.pdf](#)
[Packaging Design Drawing PK-151049-0001-001.pdf](#)

3D Models and Design Files

[3D Model 1510492209_stp.zip](#)

Specifications

[Product Specification PS-151048-0001-001.pdf](#)
[Test Summary 1510480001-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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)

EU RoHS Certificate of Compliance

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	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Product Family	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	CP-6.5
UPC	889056065849

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	2
Color - Resin	Red
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	<u>1510481209</u>
CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tube Packaging, Glow-Wire Capable, 2 Circuits, Red	<u>1510482209</u>

Use with Part(s)

Description	Part Number
CP-6.5 Wire-to-Board Crimp Terminal, Female, 16-22 AWG, Reel	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/505978000.html</u>
CP-6.5 Wire-to-Board Crimp Terminal, Female, 20-26 AWG, Reel	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/505988000.html</u>
CP-6.5 Terminal Position Assurance (TPA) Retainer, 1 Circuit	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/511430105.html</u>