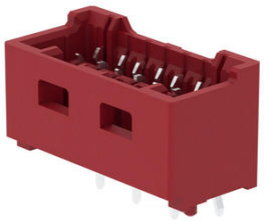
Part Number : 5031590612
Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, without Peg, 6 Circuits, Red
Series Number : 503159
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

5031590612_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

5031590612.dxf

Specifications

AS-502578-001-001.pdf

SPK-503159-001-001.pdf

5025780002-PS-000.pdf

5025781002-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
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)

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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	PCB Headers and Receptacles
Series	503159
Description	1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, without Peg, 6 Circuits, Red
Application	Wire-to-Board
Component Type	PCB Receptacle
Product Name	CLIK-Mate
UPC	883906079314

Agency

UL	E29179

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V

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Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Red
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	561.201/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.50mm Pitch CLIK-Mate Single Row Plug Housings	502578
1.50mm Pitch CLIK-Mate-to-CLIK-Mate Off-the-Shelf (OTS) Cable Assemblies	15135

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