



Part Number : 5024431370

Series Number : 502443

Product Category : PCB Headers and Receptacles

Product Description : 2.00mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Vertical, 13 Circuits

Status : Active

Documents & Resources


Drawings  
Drawing 5024431370\_sd.pdf

3D Models and Design Files  
3D Model 5024431370\_stp.zip

Specifications  
Application Specification AS-502439-001-001.pdf  
Application Specification AS-502439-002-001.pdf  
Packaging Specification 5024439200-200.pdf  
Product Specification 5024431570-000.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)8585-DC (23 Jan 2024)
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

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	502443
Description	2.00mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Vertical, 13 Circuits
Application	Signal, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Component Type	PCB Receptacle
Product Family	CLIK-Mate Wire-to-Board Connectors
Product Name	CLIK-Mate
UPC	822350916974

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

#### Physical

Circuits (Loaded)	13
Circuits (maximum)	13
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	No

Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	10.90mm
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	1293.000/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
2.00mm Pitch CLIK-Mate Single Row Plug Housings	<u>502439</u>