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Part Number: [5023821470](#)
Status: **Active**
Overview: [CLIK-Mate™ Wire-to-Board Connectors](#)
Description: 1.25mm Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, Vertical, Tin Plating, 14 Circuits

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-502380-002-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-502382-001-001 (PDF) |
| Product Specification PS-502382-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E29179

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 502382 |
| Application | Signal, Wire-to-Board |
| Overview | CLIK-Mate™ Wire-to-Board Connectors |
| Product Name | CLIK-Mate™ |
| UPC | 822350895316 |

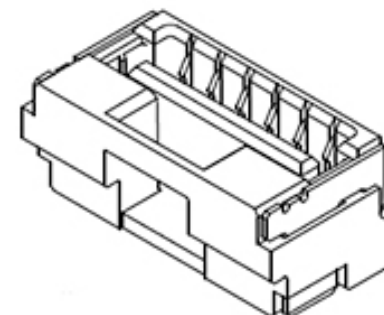
Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Mated Height | 7.80mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 599.201/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.25mm |
| Pitch - Termination Interface | 1.25mm |
| Plating min - Mating | 1.016µm |
| Plating min - Termination | 1.016µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 50V AC (RMS)/DC |

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[502382](#) Series

Mates With

[502380](#) CLIK-Mate™ Housing

Reference - Drawing Numbers

Application Specification

AS-502380-002-001

Packaging Specification

SPK-502382-001-001

Product Specification

PS-502382-001-001

Sales Drawing

SD-502382-002, SD-502382-003

This document was generated on 08/29/2017

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