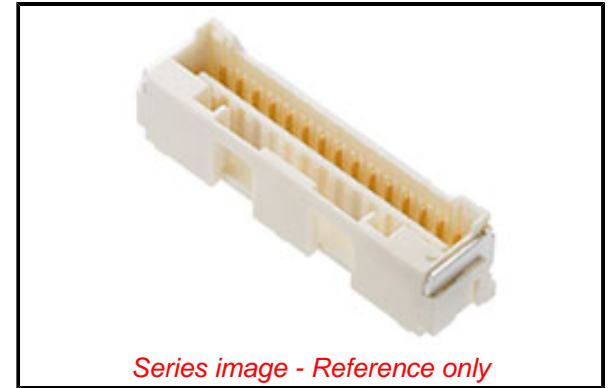


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Part Number: [5054050870](#)
Status: **Active**
Overview: [CLIK-Mate Wire-to-Board Connectors](#)
Description: 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Vertical, Gold Plating, Positive Lock, with Pick-and-Place Area, 8 Circuits, Natural

Documents:

| | |
|---|---|
| Drawing (PDF) | Application Specification AS-502578-001-001 (PDF) |
| 3D Model | Application Specification AS-502578-002-001 (PDF) |
| 3D Model (PDF) | Packaging Specification SPK-505405-001-001 (PDF) |
| Product Specification PS-505405-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 505405 |
| Application | Signal, Wire-to-Board |
| Comments | See Product Specification for maximum current rating by wire AWG, See Product Specification for maximum current rating by wire AWG |
| Overview | CLIK-Mate Wire-to-Board Connectors |
| Product Name | CLIK-Mate |
| UPC | 889056171397 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Beige |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 9.70mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Tin over Nickel |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 659.000/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.50mm |
| Pitch - Termination Interface | 1.50mm |
| Plating min - Mating | 0.203µm |
| Plating min - Termination | 0.203µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Robotic Placement | Vacuum Pick-Up Area |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 100V AC (RMS)/DC |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[505405](#) Series

Mates With

[502578](#) CLIK-Mate Housing

Material Info

Reference - Drawing Numbers

Application Specification

AS-502578-001-001, AS-502578-002-001

Packaging Specification

SPK-505405-001-001

Product Specification

PS-505405-001-001

Sales Drawing

SD-505405-001, SD-505405-002, SD-505405-003,
SD-505405-004

This document was generated on 11/18/2019

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