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Part Number: [5025850870](#)
Status: **Active**
Overview: [CLIK-Mate Wire-to-Board Connectors](#)
Description: 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Right-Angle, Tin Plating, Positive Lock, 8 Circuits, Natural

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-502578-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-502585-001-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5025780000-PS-000 (PDF) | |

Agency Certification

UL E29179

General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 502585 |
| Application | Signal, Wire-to-Board |
| Overview | CLIK-Mate Wire-to-Board Connectors |
| Product Name | CLIK-Mate |
| UPC | 800756644646 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Beige |
| Durability (mating cycles max) | 30 |
| Flammability | SC-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 6.40mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Net Weight | 661.000/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| 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 | Surface Mount |

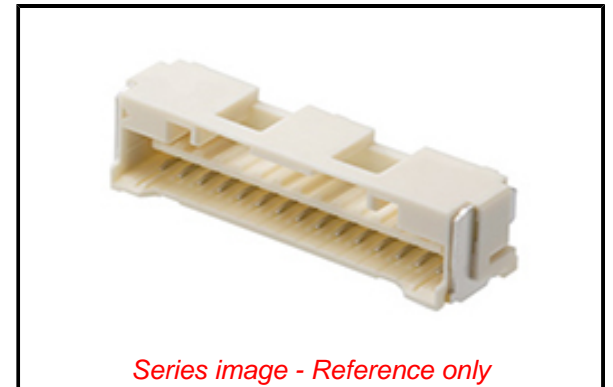
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|-------------------|
| Application Specification | AS-502578-001-001 |
|---------------------------|-------------------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[502585 Series](#)

Mates With

CLIK-Mate Housing [502578](#) . CLIK-Mate
Cable Assembly [15135](#)

Packaging Specification
Product Specification
Sales Drawing

SPK-502585-001-001
5025780000-PS-000
5025850000-SD-000

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