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Part Number: **5020464070**
Status: **Active**
Overview: Duo-Clasp™ Wire-to-Board System
Description: 1.25mm Pitch Duo-Clasp™ Wire-to-Board PCB Receptacle, Dual Row, Right Angle, 0.10µm Gold (Au) Plating, 40 Circuits

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-503110-002-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-502046-001-001 (PDF) |
| Product Specification PS-501931-002-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-503110-001-001 (PDF) | |

Agency Certification

UL E29179

General

| | |
|----------------|---------------------------------|
| Product Family | PCB Receptacles |
| Series | 502046 |
| Application | Signal, Wire-to-Board |
| Overview | Duo-Clasp™ Wire-to-Board System |
| Product Name | Duo-Clasp™ |
| UPC | 822350606196 |

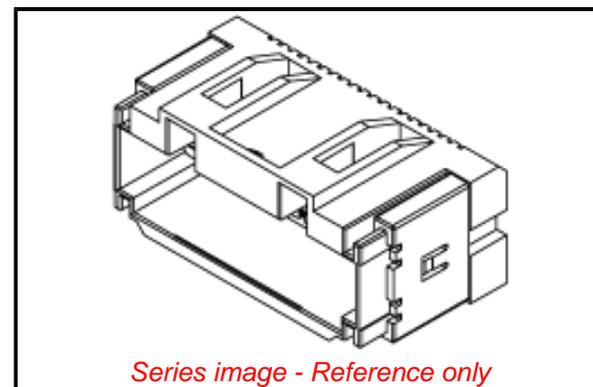
Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| 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 | 7.85mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polyamide |
| Net Weight | 1674.880/mg |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.25mm |
| Plating min - Mating | 0.100µm |
| Plating min - Termination | 1.000µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

Material Info



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

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non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

502046 Series

Mates With

503110 Crimp Housing

Reference - Drawing Numbers

Application Specification

AS-503110-001-001, AS-503110-002-001

Packaging Specification

SPK-502046-001-001

Product Specification

PS-501931-002-001

Sales Drawing

SD-502046-001, SD-502046-002

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