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Part Number:

5023520210

Status:

Active

Overview:

DuraClik Connector System

Description:

DuraClik Wire-to-Board Header, Single Row, Right-Angle, 2 Circuits, Gold (Au) Plating, Natural

Documents:

3D Model (PDF)

Drawing (PDF)

3D Model

Product Specification 5051510002-000 (PDF)

Product Specification PS-502351-002-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                                                                                                                                                |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agency Certification           |                                                                                                                                                                                |
| UL                             | E29179                                                                                                                                                                         |
| General                        |                                                                                                                                                                                |
| Product Family                 | PCB Headers                                                                                                                                                                    |
| Series                         | 502352                                                                                                                                                                         |
| Application                    | Automotive, Signal, Wire-to-Board                                                                                                                                              |
| Comments                       | The Operating Temperature Range when used with DuraClik series 502351 is -40°C to +105°C. It is -40°C to 125°C when used with DuraClik ISL series 560123 or TPA series 505151. |
| Component Type                 | PCB Header                                                                                                                                                                     |
| Overview                       | DuraClik Connector System                                                                                                                                                      |
| Product Name                   | DuraClik                                                                                                                                                                       |
| Taxonomy                       | PCB Headers and Receptacles                                                                                                                                                    |
| UPC                            | 884982509290                                                                                                                                                                   |
| Physical                       |                                                                                                                                                                                |
| Breakaway                      | No                                                                                                                                                                             |
| Circuits (Loaded)              | 2                                                                                                                                                                              |
| Circuits (maximum)             | 2                                                                                                                                                                              |
| Color - Resin                  | Natural                                                                                                                                                                        |
| Durability (mating cycles max) | 30                                                                                                                                                                             |
| First Mate / Last Break        | No                                                                                                                                                                             |
| Flammability                   | SC-0                                                                                                                                                                           |
| Glow-Wire Capable              | No                                                                                                                                                                             |
| Keying to Mating Part          | Yes                                                                                                                                                                            |
| Lock to Mating Part            | Yes                                                                                                                                                                            |
| Mated Height                   | 6.40mm                                                                                                                                                                         |
| Material - Metal               | Copper Alloy                                                                                                                                                                   |
| Material - Plating Mating      | Gold                                                                                                                                                                           |
| Material - Resin               | Polyamide                                                                                                                                                                      |
| Net Weight                     | 0.402/g                                                                                                                                                                        |
| Number of Rows                 | 1                                                                                                                                                                              |
| Orientation                    | Right Angle                                                                                                                                                                    |
| PCB Locator                    | No                                                                                                                                                                             |
| PCB Retention                  | Yes                                                                                                                                                                            |
| Packaging Type                 | Embossed Tape on Reel                                                                                                                                                          |
| 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                                                                                                                                                                  |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

Search Parts in this Series

502352 Series

Mates With

DuraClik Crimp Housings [502351](#) , [560123](#) , [505151](#)

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 125V |

**Solder Process Data**

|                                                |        |
|------------------------------------------------|--------|
| Duration at Max. Process Temperature (seconds) | 040    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 001    |
| Process Temperature max. C                     | 255    |

**Material Info**

**Reference - Drawing Numbers**

|                       |                                      |
|-----------------------|--------------------------------------|
| Product Specification | 5051510002-000, PS-502351-002-001    |
| Sales Drawing         | SD-502352-001-001, SD-502352-002-001 |

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