

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5023520200**  
**Status:** **Active**  
**Overview:** DuraClik Connector System  
**Description:** DuraClik Wire-to-Board Header, Single Row, Right Angle, 2 Circuits, Tin (Sn) Plating, Natural

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                                      | <a href="#">Packaging Specification PK-502352-002-JP-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-502352-001-001 (PDF)</a>   |
| <a href="#">Product Specification PS-502351-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>               |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <u>502352</u>  |
| Application    | 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. |
| Overview       | <u>DuraClik Connector System</u>   |
| Product Name   | DuraClik   |
| UPC            | 800756731711   |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 2                     |
| Circuits (maximum)             | 2                     |
| Color - Resin                  | Natural               |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| 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      | Tin over Nickel       |
| 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°C to +105°C       |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

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

**Solder Process Data**

|  |     |
|--|-----|
| Duration at Max. Process Temperature (seconds) | 004 |
|--|-----|



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -ED/01/2018 (15 January 2018)

**Halogen-Free Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

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

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

**Search Parts in this Series**

502352 Series

**Mates With**

DuraClik Crimp Housings 502351 , 560123 , 505151

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

REFLOW  
001  
255

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-502352-002-JP-001, SPK-502352-001-001  
PS-502351-001-001  
SD-502352-001-001, SD-502352-002

This document was generated on 02/28/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[502352-0200](#)