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**Part Number:** **5023521200**  
**Status:** **Active**  
**Overview:** DuraClik Connector System  
**Description:** DuraClik Wire-to-Board Header, Single Row, Right-Angle, 12 Circuits, Tin (Sn) Plating, Natural

**Documents:**

[3D Model \(PDF\)](#) [Product Specification PS-502351-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)  
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

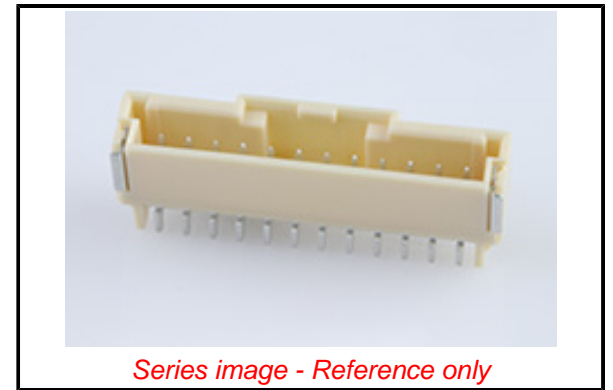
Product Family PCB Headers  
Series [502352](#)  
Application Automotive, Signal, Wire-to-Board  
Comments The Operating Temperature Range when used with DuraClik series 502351 is -40°C to +105°C. It is -40°C to 125°C when used with DuraClik ISL series 560123 or TPA series 505151.  
Overview [DuraClik Connector System](#)  
Product Name DuraClik  
Taxonomy PCB Headers and Receptacles  
UPC 887191324074

**Physical**

Breakaway No  
Circuits (Loaded) 12  
Circuits (maximum) 12  
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 Tin  
Material - Resin Polyamide  
Net Weight 1.291/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

**Electrical**

Current - Maximum per Contact 3.0A



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**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

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[502352](#) Series

**Mates With**

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

Voltage - Maximum 125V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 040

Lead-free Process Capability REFLOW

Max. Cycles at Max. Process Temperature 001

Process Temperature max. C 255

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-502351-001-001

Sales Drawing SD-502352-001-001, SD-502352-002-001

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