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Part Number: [5023520900](#)
Status: **Active**
Overview: [DuraClik Connector System](#)
Description: DuraClik Wire-to-Board Header, Single Row, Right-Angle, 9 Circuits, Tin (Sn) Plating, Natural

Documents:

| | |
|--------------------------------|---|
| 3D Model (PDF) | Product Specification PS-502351-001-001 (PDF) |
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E29179

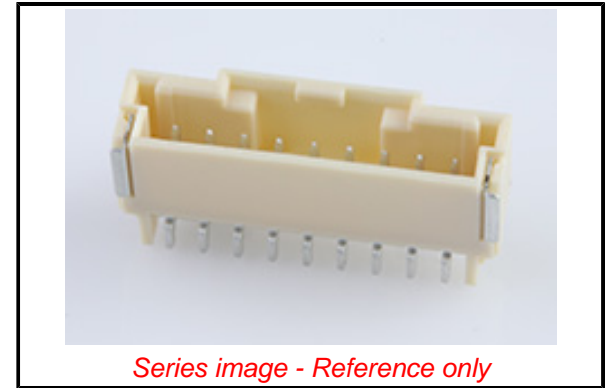
General

| | |
|----------------|--|
| 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 | 887191654058 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| 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 | 1.014/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



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](#)

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| 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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