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Part Number: [5023520401](#)
Status: **Active**
Overview:
Description: DuraClik Wire-to-Board Header, Single Row, Right-Angle, 4 Circuits, Tin (Sn) Plating, Black

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
 Product Name DuraClik
 Taxonomy PCB Headers and Receptacles
 UPC 887191427331

Physical

Breakaway No
 Circuits (Loaded) 4
 Circuits (maximum) 4
 Color - Resin Black
 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 0.595/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
 Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 040
 Lead-freeProcess Capability REFLOW

EU ELV
Compliant

EU RoHS
Compliant

REACH SVHC

Not Contained per -
 D(2022)9120-DC (17
 Jan 2023)

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](#)

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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