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Part Number: [5023520310](#)
Status: **Active**
Overview: [DuraClik™ Connector System](#)
Description: [DuraClik™ Wire-to-Board Header, Single Row, Right Angle, 3 Circuits, Gold \(Au\) Plating, Natural](#)

Documents:

3D Model	Product Specification PS-502351-002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-502352-002-JP-001 (PDF)
Product Specification 5051510002-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	502352
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	DuraClik™ Connector System
Product Name	DuraClik
UPC	884982861879

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	Polyamide
Net Weight	0.495/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)	040
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Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

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

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](#)

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

REFLOW
001
255

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-502352-002-JP-001

Product Specification

5051510002-000, PS-502351-002-001

Sales Drawing

SD-502352-001, SD-502352-002

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