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Part Number: [5023521210](#)
Status: **Active**
Overview: [DuraClik Connector System](#)
Description: [DuraClik Wire-to-Board Header, Single Row, Right-Angle, 12 Circuits, Gold \(Au\) Plating, Natural](#)

Documents:

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

Agency Certification

UL E29179

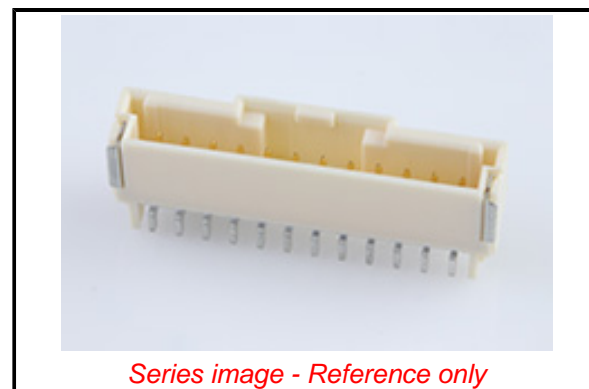
General

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.
Overview	DuraClik Connector System
Product Name	DuraClik
UPC	887191324081

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	Gold
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



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

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**

Packaging Specification	PK-502352-002-JP-001
Product Specification	5051510002-000, PS-502351-002-001
Sales Drawing	SD-502352-001-001, SD-502352-002-001

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