

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5023521000**
Status: **Active**
Overview: DuraClik Connector System
Description: DuraClik Wire-to-Board Header, Single Row, Right-Angle, 10 Circuits, Tin (Sn) Plating, Natural

Documents:

3D Model	Packaging Specification PK-502352-002-JP-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-502351-001-001 (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 887191654065

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	1.118/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(2020)4578-DC (25 June 2020)

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	PS-502351-001-001
Sales Drawing	SD-502352-001-001, SD-502352-002-001

This document was generated on 07/16/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION