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**Part Number:** **5023520700**  
**Status:** **Active**  
**Overview:** DuraClik™ Connector System  
**Description:** DuraClik™ Wire-to-Board Header, Single Row, Right Angle, 7 Circuits, Tin (Sn) Plating, Natural

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**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	<a href="#">DuraClik™ Connector System</a>
Product Name	DuraClik™
UPC	884982861862

**Physical**

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	Tin
Material - Plating Termination	Tin
Material - Resin	Polyamide
Net Weight	0.841/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, -40°C to +125°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



*Series image - Reference only*

**EU ELV**  
**Compliant**

**EU RoHS**  
**Compliant**  
**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June 2016)

**Halogen-Free**  
**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

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

China ROHS  
ELV

**China RoHS**

Green Image  
Compliant

**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	RPS-502351-010-JP
Sales Drawing	SD-502352-001, SD-502352-002, SD-502352-003-JP

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