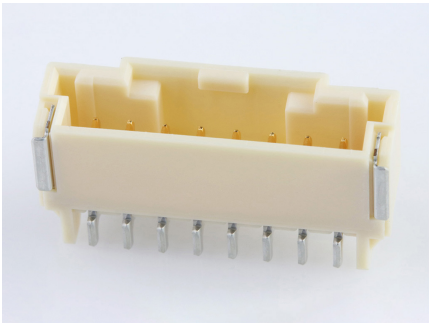




**Part Number :** [5023520810](#)  
**Product Description :** DuraClik Wire-to-Board Header, Single Row, Right-Angle, 8 Circuits, Gold (Au) Plating, Natural  
**Series Number :** 502352  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources


**Drawings**  
[5023520810\\_sd.pdf](#)

**3D Models and Design Files**  
[5023520810\\_stp.zip](#)

**Specifications**  
[PK-502352-002-JP-001.pdf](#)  
[PS-502351-002-001.pdf \(Gold Plating\)](#)  
[5051510002-000.pdf \(Gold Plating\)](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	502352
Description	DuraClik Wire-to-Board Header, Single Row, Right-Angle, 8 Circuits, Gold (Au) Plating, Natural
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
Product Name	DuraClik
UPC	884982512627

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	125V

#### Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8

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	1.000/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
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

#### Solder Process Data

Max-Duration	40
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	255

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#### Mates With / Use With

##### Mates with Part(s)

Description	Part Number
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DuraClik Single Row Receptacle Housings	<u>502351</u>
DuraClik TPA Single Row Receptacle Housings	<u>505151</u>
DuraClik ISL Single Row Receptacle Housings	<u>560123</u>

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This document was generated on Apr 25, 2025