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Part Number: **5023520800**
Status: **Active**
Overview: DuraClik™ Connector System
Description: DuraClik™ Wire-to-Board Header, Single Row, Right Angle, 8 Circuits, Tin (Sn) Plating, Natural

Documents:

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

General

Product Family	PCB Headers
Series	<u>502352</u>
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	<u>DuraClik™ Connector System</u>
Product Name	DuraClik™
UPC	800756731742

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	0.945/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)	004
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Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/79/2015 (17 December 2015)

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

Green Image

Compliant

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
Product Specification

PK-502352-002-JP, SPK-502352-001
PS-502351-001, RPS-502351-001, RPS-502351-002,
RPS-502351-003, RPS-502351-005, RPS-502351-006-
JP, RPS-502351-007-JP, RPS-502351-008-
JP, RPS-502351-009-JP, RPS-502351-010-
JP, RPS-502351-011-JP, RPS-502351-013-
JP, RPS-502351-014-JP, RPS-502351-015-JP,
RPS-502351-016-JP
SD-502352-001, SD-502352-002, SD-502352-003-JP

Sales Drawing

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