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Part Number: [502352-0800](#)
Status: **Active**
Overview: [DuraClik™ Connector System](#)
Description: [DuraClik™ Wire-to-Board Header, Single Row, Right Angle, 8 Circuits, Tin \(Sn\), 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 | 502352 |
| Application | Signal, Wire-to-Board |
| Overview | DuraClik™ Connector System |
| 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 |
| Net Weight | 926.000/mg |
| 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 |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3A |
| Voltage - Maximum | 125V |

Solder Process Data

| | |
|--|---------------------------|
| Duration at Max. Process Temperature (seconds) | 40 |
| Lead-free Process Capability | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 255 |

Material Info

| | |
|---|--|
| EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Not Low-Halogen | China RoHS  |
|---|--|

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[502352Series](#)

Mates With

[502351](#) Crimp Housing, [560085](#) Crimp Terminal
[560123](#) Crimp Housing, [560125](#) Crimp Retainer, [560124](#) Crimp Terminal
[505151](#) Crimp Housing, [505152](#) Crimp Retainer, [505153](#) Crimp Terminal

Reference - Drawing Numbers

Packaging Specification
Product Specification

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

Sales Drawing

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