

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5023520600**
Status: **Active**
Overview: DuraClik™ Connector System
Description: DuraClik™ Wire-to-Board Header, Single Row, Right Angle, 6 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 | 800756731735 |

Physical

| | |
|--------------------------------|----------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| 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 | 0.772/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 |
|--|-----|

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

This document was generated on 03/29/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION