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Part Number: [0532530470](#)
Status: **Active**
Overview: Micro-Latch™ Wire-to-Board Connector System
Description: 2.00mm Pitch Micro-Latch™ Wire-to-Board Header, Vertical, Square Pin, Three-sided Shroud, 4 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-53253-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51065-016 \(PDF\)](#)

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 53253 |
| Application | Signal, Wire-to-Board |
| MolexKits | Yes |
| Overview | <u>Micro-Latch™ Wire-to-Board Connector System</u> |
| Product Name | Micro-Latch™ |
| UPC | 756054354025 |

Physical

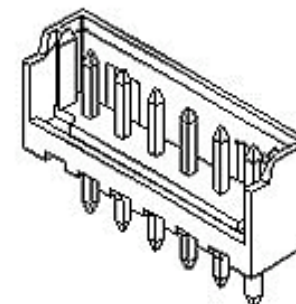
| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 149.500/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| PC Tail Length | 3.50mm |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.00mm |
| Plating min - Mating | 1.016µm |
| Plating min - Termination | 1.016µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Partial |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 125V |

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/39/2015 (15 June
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
Not Relevant

Search Parts in this Series

[53253 Series](#)

Mates With

[51065 Crimp Housing](#), [50212 Crimp Terminal](#)

Packaging Specification
Product Specification

SPK-53253-001
PS-51065-016, RPS-51065-001, RPS-51065-006,
RPS-51065-007, RPS-51065-013, RPS-51065-015,
RPS-51065-023, RPS-51065-026, RPS-51065-027,
RPS-51065-028, RPS-51065-030, RPS-51065-031,
RPS-51065-032
SD-51065-006, SD-53253-001

Sales Drawing

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