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Part Number:

0530141010

Status:

Active

Overview:

MicroBlade™ Connection System

Description:

2.00mm Pitch MicroBlade™ Wire-to-Board Header, Vertical, 10 Circuits

Documents:

3D Model

Packaging Specification 530149200-200 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-51004-002-001 (PDF)

Agency Certification

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

General

|                |                               |
|----------------|-------------------------------|
| Product Family | PCB Headers                   |
| Series         | 53014                         |
| Application    | Signal, Wire-to-Board         |
| Overview       | MicroBlade™ Connection System |
| Product Name   | MicroBlade™                   |
| UPC            | 800753566309                  |

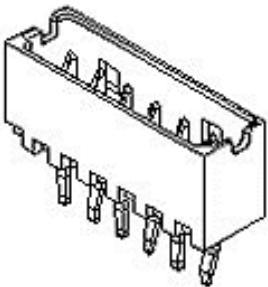
Physical

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 10              |
| Circuits (maximum)             | 10              |
| Durability (mating cycles max) | 30              |
| First Mate / Last Break        | No              |
| Flammability                   | 94V-0           |
| Glow-Wire Compliant            | No              |
| Guide to Mating Part           | No              |
| Keying to Mating Part          | None            |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Nylon           |
| Net Weight                     | 630.000/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                 | Bag             |
| Pitch - Mating Interface       | 2.00mm          |
| Polarized to PCB               | No              |
| Shrouded                       | Fully           |
| Stackable                      | No              |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -20°C to +85°C  |
| Termination Interface: Style   | Through Hole    |

Electrical

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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per  
-ED/01/2017 (12  
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

53014 Series

Mates With

51004 Crimp Housing, 50011 Crimp  
Terminal

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | 530149200-200    |
| Product Specification   | PS-51004-002-001 |
| Sales Drawing           | SD-53014-001     |

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