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Part Number: [0530150510](#)
Status: **Active**
Overview: MicroBlade™ Connection System
Description: 2.00mm Pitch MicroBlade™ Wire-to-Board Header, Right Angle, 5 Circuits

Documents:

[3D Model](#) [Product Specification PS-51004-002-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [53015](#)
 Application Signal, Wire-to-Board
 MolexKits Yes
 Overview [MicroBlade™ Connection System](#)
 Product Name MicroBlade™
 UPC 800753750869

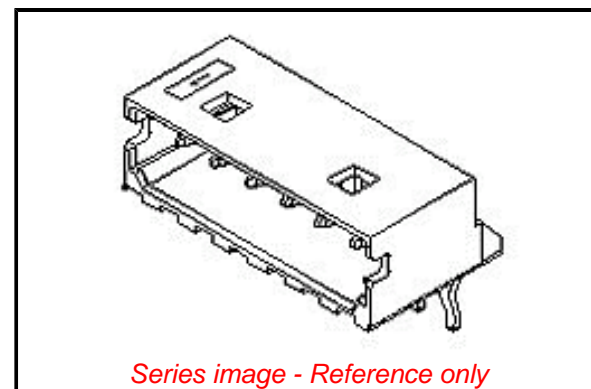
Physical

Breakaway No
 Circuits (Loaded) 5
 Circuits (maximum) 5
 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 482.000/mg
 Number of Rows 1
 Orientation Right Angle
 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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[53015 Series](#)

Mates With

[51004 Crimp Housing](#), [50011 Crimp Terminal](#)

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-51004-002-001

SD-53015-**10

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