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Part Number: [51004-1000](#)
Status: **Active**
Overview: MicroBlade™ Connection System
Description: 2.00mm Pitch MicroBlade™ Wire-to-Board Housing, Friction Lock, 5.80mm Height, 10 Circuits

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family Crimp Housings
Series [51004](#)
Application Signal, Wire-to-Board
Overview [MicroBlade™ Connection System](#)
Product Name MicroBlade™
UPC 800753575998

Physical

Circuits (maximum) 10
Flammability 94V-0
Gender Receptacle
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Resin Polyester
Net Weight 267.000/mg
Number of Rows 1
Packaging Type Bag
Panel Mount No
Pitch - Mating Interface 2.00mm
Stackable No
Temperature Range - Operating -20°C to +85°C

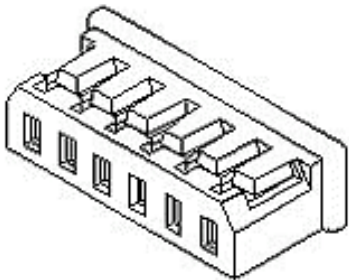
Electrical

Current - Maximum per Contact 2A

Material Info

Reference - Drawing Numbers

Product Specification PS-51004-002, RPS-51004-001, RPS-51004-002, RPS-51004-003, RPS-51004-004, RPS-51004-006, RPS-51004-008, RPS-51004-010, RPS-51004-011, RPS-51004-012, RPS-51004-013, RPS-51004-014, RPS-51004-015, RPS-51004-016, RPS-51004-017, RPS-51004-018, RPS-51004-019, RPS-51004-020, RPS-51004-021, RPS-51004-022, RPS-51004-023, RPS-51004-024, RPS-51004-025, RPS-51004-026
Sales Drawing SD-51004-**00



Series

image - Reference only

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
[51004Series](#)

Mates With
[53014](#) , [53015](#) , [53025](#) MicroBlade™ Headers

Use With
[50011](#) Crimp Terminal

Mouser Electronics

Authorized Distributor

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[51004-1000](#)