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Part Number: **0533981090**
Status: **Contact Molex**
Overview: [picoblade](#)
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, 10 Circuits
Replacement Part Number: 53398-1071

Documents:

[3D Model](#) [Product Specification PS-51021-011 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [53398](#)
 Application Signal, Wire-to-Board
 Overview [picoblade](#)
 Product Name PicoBlade™
 Replacement Part Number 53398-1071

Physical

Breakaway No
 Circuits (Loaded) 10
 Circuits (maximum) 10
 Color - Resin Natural
 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
 Mated Height 5.70mm (.224")
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin-Lead
 Material - Plating Termination Tin-Lead
 Material - Resin High Temperature Thermoplastic
 Number of Rows 1
 Orientation Vertical
 PCB Locator No
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 1.25mm (.049")
 Plating min - Mating 3.048µm (120µ")
 Plating min - Termination 3.048µm (120µ")
 Polarized to PCB Yes
 Shrouded Partial
 Stackable No
 Temperature Range - Operating -40°C to +85°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1A
 Voltage - Maximum 125V

Material Info

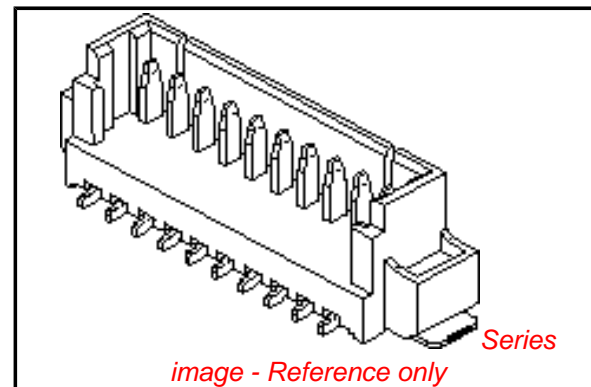


image - Reference only

EU RoHS

Not 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

53398Series

Mates With

51021 PicoBlade™ Wire-to-Wire and Wire-to-Board Housing

Reference - Drawing Numbers

Product Specification

PS-51021-011, RPS-51021-002, RPS-51021-003,
RPS-51021-006, RPS-51021-009, RPS-51021-013,
RPS-51021-014, RPS-51021-018, RPS-51021-021,
RPS-51021-023, RPS-51021-024, RPS-51021-052,
RPS-53398-002, RPS-53398-037
SD-53398-**10, SD-53398-**90

Sales Drawing

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