

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0532610571](#)
Status: **Active**
Overview:
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Right Angle, Lead-free, 5 Circuits

Documents:

[3D Model](#) [Product Specification PS-51021-024 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

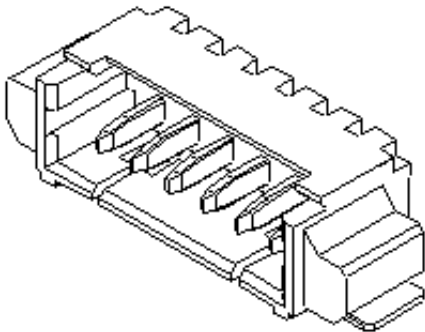
Product Family PCB Headers
Series [53261](#)
Application Wire-to-Board
Overview PicoBlade™;
Product Name PicoBlade™

Physical

Breakaway No
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part None
Lock to Mating Part Yes
Mated Height (in) 0.134 In
Mated Height (mm) 3.40 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface (in) 0.049 In
Pitch - Mating Interface (mm) 1.25 mm
Plating min: Mating (µin) 40
Plating min: Mating (µm) 1
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1
Polarized to PCB Yes
Shrouded Fully
Stackable No
Temperature Range - Operating -40°C to +85°C
Termination Interface: Style Surface Mount

Electrical

CSA LR19980
Current - Maximum 1A
UL E29179
Voltage - Maximum 125V



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



**Need more information on product
environmental compliance?**

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

Search Parts in this Series
[53261](#) Series

Mates With
[51021](#) PicoBlade™ Wire-to-Wire and Wire-
to-Board Housing

Material Info

Reference - Drawing Numbers

Product Specification	PS-51021-024
Product Specification	RPS-51021-036
Product Specification	RPS-51021-038
Product Specification	RPS-51021-039
Product Specification	RPS-51021-040
Product Specification	RPS-51021-042
Product Specification	RPS-51021-043
Product Specification	RPS-51021-045
Product Specification	RPS-51021-046
Product Specification	RPS-51021-047
Product Specification	RPS-51021-051
Product Specification	RPS-51021-053
Product Specification	RPS-51021-054
Product Specification	RPS-51021-057
Product Specification	RPS-51021-058
Product Specification	RPS-51021-061
Product Specification	RPS-51021-062
Product Specification	RPS-51021-066
Product Specification	RPS-51021-067
Product Specification	RPS-51021-068
Product Specification	RPS-51021-072
Product Specification	RPS-51021-073
Product Specification	RPS-51021-076
Product Specification	RPS-51021-079
Product Specification	RPS-51021-081
Product Specification	RPS-51021-084
Product Specification	RPS-51021-085
Product Specification	RPS-51021-086
Product Specification	RPS-51021-091
Product Specification	RPS-51021-097
Product Specification	RPS-51021-098
Product Specification	RPS-53261-001
Sales Drawing	SD-51021-002
Sales Drawing	SD-53261-023
Sales Drawing	SD-53261-024

This document was generated on 11/05/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION