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Part Number: [0530470510](#)
Status: **Active**
Overview:
Description: 1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 5 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51021-010 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

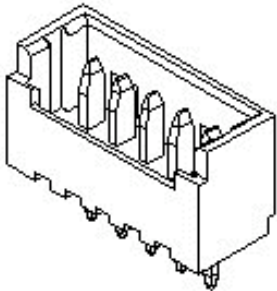
General
Product Family PCB Headers
Series [53047](#)
Application Wire-to-Board
Overview PicoBlade™;
Product Name PicoBlade™

Physical
Breakaway No
Circuits (Loaded) 5
Circuits (maximum) 5
Durability (mating cycles max) 30
First Mate / Last Break No
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Mated Height (in) 0.205 In
Mated Height (mm) 5.20 mm
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.091 In
PC Tail Length (mm) 2.30 mm
PCB Locator No
PCB Retention None
PCB Thickness Recommended (in) 0.031 In
PCB Thickness Recommended (mm) 0.80 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.049 In
Pitch - Mating Interface (mm) 1.25 mm
Polarized to PCB No
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +85°C
Termination Interface: Style Through Hole

Electrical
Current - Maximum 1A
Voltage - Maximum 125V

Material Info

Reference - Drawing Numbers
Product Specification PS-51021-010
Product Specification RPS-51021-007



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Halogen-Free



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
[53047](#) Series

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

Product Specification	RPS-51021-011
Product Specification	RPS-51021-041
Product Specification	RPS-51021-059
Product Specification	RPS-51021-060
Product Specification	RPS-51021-071
Product Specification	RPS-51021-089
Sales Drawing	SD-53047-**10

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