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Part Number: [0530471010](#)
Status: **Active**
Overview:
Description: 1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 10 Circuits

Documents:

3D Model	Product Specification PS-51021-010 (PDF)
Drawing (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)	10
Circuits (maximum)	10
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

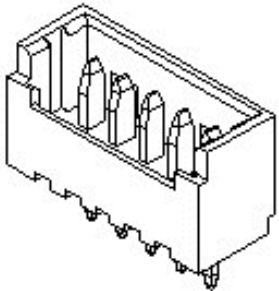
Electrical

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**

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
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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-51021-019
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

This document was generated on 11/05/2009

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