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Part Number: [0530471210](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 12 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-53047-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51021-010-001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [53047](#)
 Application Signal, Wire-to-Board
 Current Derating Order No 987651-3691
 Overview [PicoBlade™ Connector System](#)
 Product Name PicoBlade™
 UPC 800753750180

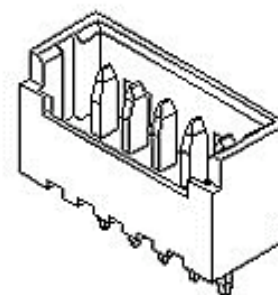
Physical

Breakaway No
 Circuits (Loaded) 12
 Circuits (maximum) 12
 Durability (mating cycles max) 30
 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 5.20mm
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 235.800/mg
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 2.30mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 0.80mm
 Packaging Type Tray
 Pitch - Mating Interface 1.25mm
 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 per Contact 1.0A
 Voltage - Maximum 125V

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[53047 Series](#)

Mates With

[51021 PicoBlade™ Wire-to-Wire](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53047-001-001

PS-51021-010-001

SD-53047-**10

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