

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

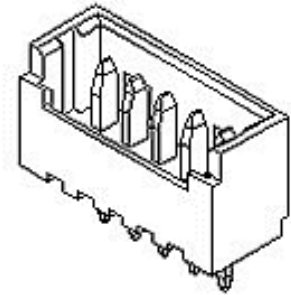
Physical

Breakaway No
 Circuits (Loaded) 12
 Circuits (maximum) 12
 Durability (mating cycles max) 30
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Capable 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° 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/61/2018 (27 June
 2018)

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	Green Image
ELV	Not Relevant
Prop65	Compliant
RoHS Phthalates	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

This document was generated on 09/10/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION