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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 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51021-010 \(PDF\)](#)

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

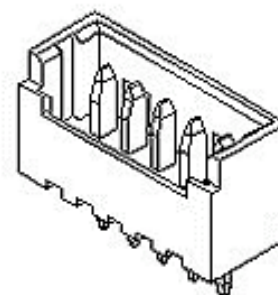
Physical

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/79/2015 (17
December 2015)

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

Green Image

Not Relevant

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

PS-51021-010, RPS-51021-007, RPS-51021-011,
RPS-51021-041, RPS-51021-059, RPS-51021-060,
RPS-51021-071, RPS-51021-089, RPS-51021-104
SD-53047-**10

This document was generated on 03/30/2016

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