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Part Number: [53047-0510](#) **PLU020701**
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 5 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
 Overview [PicoBlade™ Connector System](#)
 Product Name PicoBlade™
 UPC 800753750524

Physical

Breakaway No
 Circuits (Loaded) 5
 Circuits (maximum) 5
 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 111.200/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 1A
 Voltage - Maximum 125V

Material Info



EU RoHS **China RoHS**
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[53047Series](#)

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