

This document was generated on 08/27/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [53047-0710](#) **PLU020703**
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 7 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	800753565838

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	146.800/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	1A
Voltage - Maximum	125V

Material Info

image - Reference only

Series

EU RoHS

**ELV and RoHS
 Compliant**

REACH SVHC

**Contains SVHC: No
 Low-Halogen Status
 Not Low-Halogen**

China RoHS

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](#)