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Part Number: [53398-0871](#)
Status: **Active**
Overview: PicoBlade™ Connector System
Description: 1.25mm Pitch PicoBlade™ Header, Surface Mount, Vertical, Lead-Free, 8 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-53398-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51021-024 \(PDF\)](#)

Agency Certification

UL E29179

General

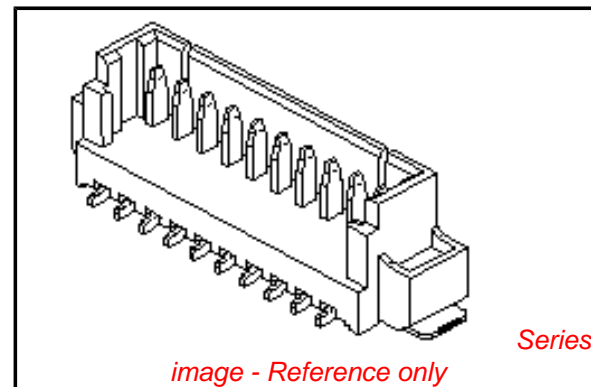
Product Family PCB Headers
 Series [53398](#)
 Application Signal, Wire-to-Board
 MolexKits Yes
 Overview PicoBlade™ Connector System
 Product Name PicoBlade™
 UPC 822348164356

Physical

Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 Color - Resin Natural
 Durability (mating cycles max) 30
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Lock to Mating Part Yes
 Mated Height 5.70mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 259.400/mg
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 0.60mm
 PCB Locator No
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 1.25mm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Partial
 Stackable No
 Temperature Range - Operating -40°C to +85°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1A
 Voltage - Maximum 125V



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

[53398Series](#)

Mates With

[51021 PicoBlade™ Wire-to-Wire and Wire-to-Board Housing](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

SPK-53398-002

PS-51021-024, RPS-500240-001, RPS-500240-002,
RPS-500240-003, RPS-500240-004, RPS-51021-038,
RPS-51021-039, RPS-51021-040, RPS-51021-043,
RPS-51021-045, RPS-51021-046, RPS-51021-047,
RPS-51021-051, RPS-51021-053, RPS-51021-057,
RPS-51021-064, RPS-51021-065, RPS-51021-067,
RPS-51021-068, RPS-51021-074, RPS-51021-077,
RPS-51021-080, RPS-51021-081, RPS-51021-085,
RPS-51021-086, RPS-51021-091, RPS-51021-092,
RPS-51021-097, RPS-51021-098, RPS-51021-099,
RPS-51021-101, RPS-51021-103, RPS-51021-105,
RPS-51021-108, RPS-51021-112, RPS-51021-114,
RPS-51021-117, RPS-53398-002, RPS-53398-038

Sales Drawing

SD-53398-032, SD-53398-033

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