

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [53398-1271](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Header, Surface Mount, Vertical, Lead-Free, 12 Circuits

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

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [53398](#)
Application Signal, Wire-to-Board
Overview [PicoBlade™ Connector System](#)
Product Name PicoBlade™
UPC 822348164394

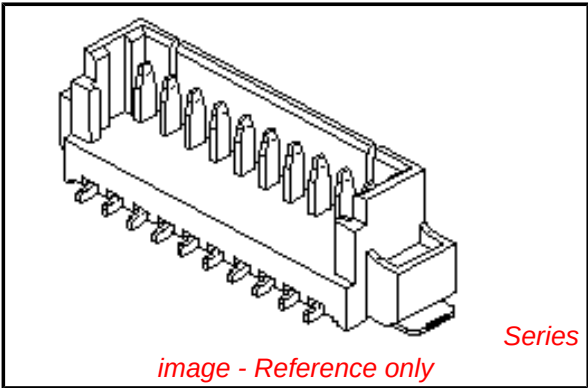
Physical

Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
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 348.800/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

Material Info



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](#)

Reference - Drawing Numbers

Packaging Specification
Product Specification

SPK-53398-002
PS-51021-024, 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-53398-035, RPS-53398-038
SD-53398-032, SD-53398-033

Sales Drawing

This document was generated on 08/13/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION