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Part Number: [53398-1276](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Header, Surface Mount, Vertical, Lead-Free, 12 Circuits, Tin-Copper Contact Plating

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

Agency Certification

UL E29179

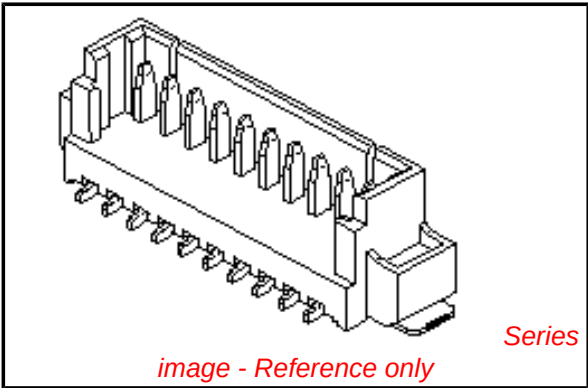
General

Product Family PCB Headers
Series [53398](#)
Application Signal, Wire-to-Board
Overview [PicoBlade™ Connector System](#)
Product Name PicoBlade™
UPC 822348202850

Physical

Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
Color - Resin Black
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 5.70mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 348.500/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
Plating min - Mating 1.016µm
Plating min - Termination 1.016µm
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



EU 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
[53398Series](#)

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

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

Material Info

Cross-Plant Material Status	LT
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Reference - Drawing Numbers

Packaging Specification	SPK-53398-002
Product Specification	RPS-51021-025, RPS-51021-078
Sales Drawing	SD-53398-038, SD-53398-039

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