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**Part Number:** [0532610671](#)  
**Status:** **Active**  
**Overview:** picoblade  
**Description:** 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Right Angle, Lead-free, 6 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

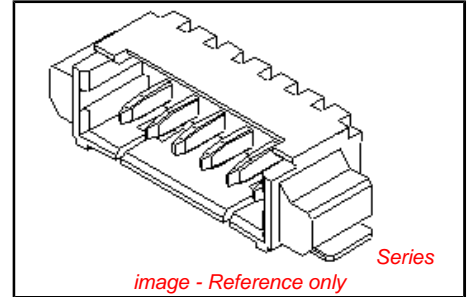
Product Family PCB Headers  
 Series [53261](#)  
 Application Signal, Wire-to-Board  
 MolexKits Yes  
 Overview [picoblade](#)  
 Product Name PicoBlade™

**Physical**

Breakaway No  
 Circuits (Loaded) 6  
 Circuits (maximum) 6  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part Yes  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Mated Height 3.40mm (.134")  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 1.25mm (.049")  
 Plating min - Mating 1.016µm (40µ")  
 Plating min - Termination 1.016µm (40µ")  
 Polarized to PCB Yes  
 Shrouded Fully  
 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**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**  
[53261Series](#)

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

## Material Info

### Reference - Drawing Numbers

Packaging Specification  
Product Specification

SPK-53261-001, SPK-53261-002  
PS-51021-024, RPS-51021-036, RPS-51021-038,  
RPS-51021-039, RPS-51021-040, RPS-51021-042,  
RPS-51021-043, RPS-51021-045, RPS-51021-046,  
RPS-51021-047, RPS-51021-051, RPS-51021-053,  
RPS-51021-054, RPS-51021-057, RPS-51021-058,  
RPS-51021-061, RPS-51021-062, RPS-51021-066,  
RPS-51021-067, RPS-51021-068, RPS-51021-072,  
RPS-51021-073, RPS-51021-076, RPS-51021-079,  
RPS-51021-081, RPS-51021-084, RPS-51021-085,  
RPS-51021-086, RPS-51021-091, RPS-51021-097,  
RPS-51021-099, RPS-51021-101, RPS-51021-102,  
RPS-51021-105, RPS-53261-001, RPS-53261-002  
SD-51021-002, SD-53261-023, SD-53261-024

Sales Drawing

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