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Part Number:
0532611571

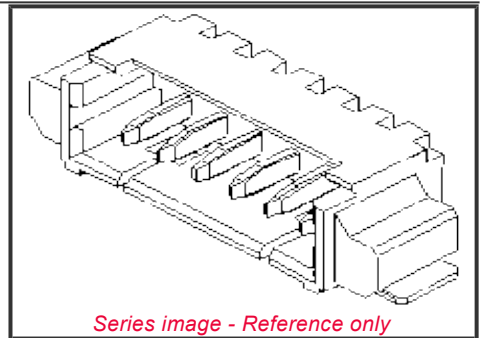
Status:
Active

Overview:
PicoBlade™

Description:
1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Right Angle, Lead-free, 15 Circuits

Documents: [Note - Please disable browser pop-up blockers for documents on www.molex.com](#)
[Drawing \(PDF\)](#) [Product Specification PS-51021-024 \(PDF\)](#)

[3D Model](#)



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Not Halogen-Free

China RoHS



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Mates With

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



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General

| | |
|----------------|----------------------------|
| Product Family | PCB Headers |
| Series | 53261 |
| Application | Wire-to-Board |
| Overview | PicoBlade™ |
| Product Name | PicoBlade™ |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 15 |
| Circuits (maximum) | 15 |
| 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 (in) | 0.134 In |
| Mated Height (mm) | 3.40 mm |
| 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 (in) | 0.049 In |
| Pitch - Mating Interface (mm) | 1.25 mm |
| Plating min: Mating (µin) | 40 |
| Plating min: Mating (µm) | 1 |
| Plating min: Termination (µin) | 40 |
| Plating min: Termination (µm) | 1 |
| Polarized to PCB | Yes |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical(Please review the Product Specification for specific details.)

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

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | 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-51021-085, RPS-51021-086, RPS-51021-091, RPS-51021-097, RPS-51021-099, RPS-51021-101, RPS-53261-001, RPS-53261-002 |
| Sales Drawing | SD-51021-002, SD-53261-023, SD-53261-024 |

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