

[Molex.com](#)

English
日本語
한국어
简体中文

[Register | Login](#)
[My Parts \(0 items \)](#)

Search site: Search: [Go](#)

- Product Name**
- Cross-Ref**
- Catalog**
- Literature**
- Industries**
- Standards**
- Contact Us**
- About Us**
- Investors**
- Careers**

- [Connectors](#)
- [Sockets](#)
- [I/O Connectors](#)
- [Cable Assemblies](#)
- [Fiber Optics](#)
- [Printed Circuit Products](#)
- [Industrial Products](#)
- [Lighting Products](#)

Switch Language

- [Home](#)
- [PCB Headers](#)
- [Datasheet](#)

Need Assistance?

- [Contact Us](#)
- [Find a Distributor](#)
- [Order Samples](#)
- [Tech Library](#)
- [Ecocare](#)
- [Electrical Models](#)

[Printer-friendly page](#)

[Email this page](#)

Part Number:
0532610290

Status:
Contact Molex

Overview:
PicoBlade™

Description:
1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Right Angle, 2 Circuits

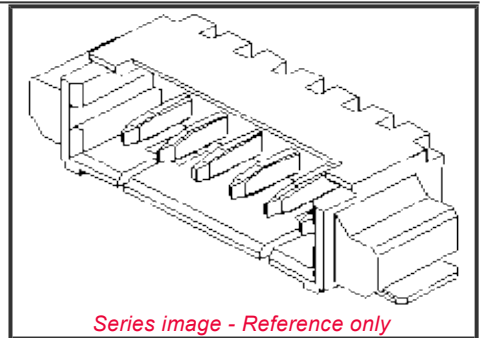
Replacement Part Number:
53261-0271

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*

[Drawing \(PDF\)](#)

[Product Specification PS-51021-011 \(PDF\)](#)

[3D Model](#)



Series image - Reference only

EU RoHS
Not RoHS
Compliant

REACH SVHC
Not Reviewed

Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?Email productcompliance@molex.comFor 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**Order Products:****Part Detail:** ([show all](#))[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Material Info](#)[Reference - Drawing Numbers](#)**General**

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

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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-Lead
Material - Plating Termination	Tin-Lead
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)	120
Plating min: Mating (µm)	3
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
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-51021-011, RPS-51021-001, RPS-51021-002, RPS-51021-003, RPS-51021-004, RPS-51021-006, RPS-51021-010, RPS-51021-014, RPS-51021-015, RPS-51021-020, RPS-51021-021, RPS-51021-023, RPS-51021-024, RPS-51021-063, RPS-53398-037
Sales Drawing	SD-51021-002, SD-53261-**10, SD-53261-**90