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- ProductName
- Cross-Ref
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- Standards
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- About Us
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- Connectors
- Sockets
- I/O Connectors
- Cable Assemblies
- Fiber Optics
- Printed Circuit Products
- Industrial Products
- Lighting Products

SwitchLanguage

English

- Home
- PCB Headers
- Datasheet

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Printer-friendly page

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PartNumber:  
**0533981471**

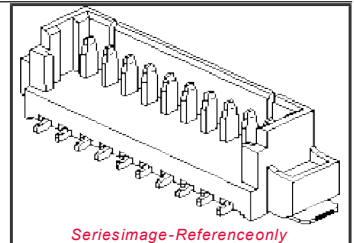
Status:  
**Active**

Overview:  
**PicoBlade™**

Description:  
1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, Lead-free, 14 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



**EUROHS**  
ELV and RoHS  
Compliant

**REACH SVHC**  
Contains SVHC: No

**Halogen-Free  
Status**  
Not Halogen-Free



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

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**Mates With**

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[General Physical Electrical Agency Certification Material Info Reference - Drawing Numbers](#)

**General**

Product Family	PCB Headers
Series	<b>53398</b>
Application	Wire-to-Board
Overview	<a href="#">PicoBlade™</a>
Product Name	PicoBlade™

<b>Physical</b>	
Breakaway	No
Circuits(Loaded)	14
Color-Resin	Natural
Durability(matingcyclesmax)	30
FirstMate/LastBreak	No
Flammability	94V-0
Glow-WireCompliant	No
GuidetoMatingPart	No
LocktoMatingPart	Yes
MatedHeight(in)	0.224In
MatedHeight(mm)	5.70mm
Material-Metal	PhosphorBronze
Material-PlatingMating	Tin
Material-PlatingTermination	Tin
Material-Resin	Nylon
NumberOfRows	1
Orientation	Vertical
PCTailLength(in)	0.024In
PCTailLength(mm)	0.60mm
PCBLocator	No
PCBRetention	Yes
PackagingType	EmbossedTapeonReel
Pitch-MatingInterface(in)	0.049In
Pitch-MatingInterface(mm)	1.25mm
PolarizedtoMatingPart	Yes
PolarizedtoPCB	Yes
Shrouded	Partial
Stackable	No
TemperatureRange-Operating	-40°Cto+85°C
TerminationInterface:Style	SurfaceMount
<b>Electrical(Pleasereview theProductSpecificationforspecificdetails.)</b>	
Current-MaximumperContact	1A
Voltage-Maximum	125V
<b>AgencyCertification</b>	
UL	E29179
<b>MaterialInfo</b>	

**Reference-DrawingNumbers**

ProductSpecification	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-51021-081,RPS-51021-085,RPS-51021-086,RPS-51021-091,RPS-51021-092,RPS-51021-097,RPS-51021-099,RPS-51021-101,RPS-53398-002,RPS-53398-038
SalesDrawing	SD-53398-032,SD-53398-033