

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **51021-1000**  
**Status:** **Active**  
**Overview:** PicoBlade™ Connector System  
**Description:** 1.25mm Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 10 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51021-023 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51021-024 (PDF)</a>
<a href="#">Product Specification PS-51021-001 (PDF)</a>	<a href="#">Product Specification PS-51021-026 (PDF)</a>
<a href="#">Product Specification PS-51021-002 (PDF)</a>	<a href="#">Product Specification PS-51021-027 (PDF)</a>
<a href="#">Product Specification PS-51021-009 (PDF)</a>	<a href="#">Product Specification PS-51021-028 (PDF)</a>
<a href="#">Product Specification PS-51021-010 (PDF)</a>	<a href="#">Packaging Specification SPK-51021-001 (PDF)</a>
<a href="#">Product Specification PS-51021-011 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51021-022 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<u>51021</u>
Application	Signal, Wire-to-Board, Wire-to-Wire
MolexKits	Yes
Overview	<u>PicoBlade™ Connector System</u>
Product Name	PicoBlade™
UPC	800753575677

**Physical**

Circuits (maximum)	10
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	90.400/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +85°C

**Electrical**

Current - Maximum per Contact	0.8A, 1A
-------------------------------	----------

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-51021-001
Product Specification	PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-024, PS-51021-026, PS-51021-027, PS-51021-028, RPS-51021-001,

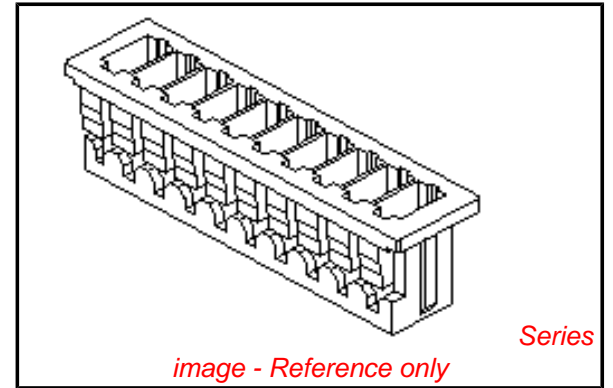


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



**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**

51021Series

**Mates With**

53261 1.25mm Pitch PicoBlade™ Right Angle SMT Header, 53047 1.25mm Pitch PicoBlade™ Vertical Thru-Hole Header, 53398 1.25mm Pitch PicoBlade™ Vertical SMT Header, 53048 1.25mm Pitch PicoBlade™ Right Angle Thru-Hole Header

**Use With**

50058 Crimp Terminal, 50079 Crimp Terminal

RPS-51021-002, RPS-51021-003, RPS-51021-004,  
RPS-51021-006, RPS-51021-007, RPS-51021-008,  
RPS-51021-009, RPS-51021-010, RPS-51021-011,  
RPS-51021-013, RPS-51021-014, RPS-51021-018,  
RPS-51021-019, RPS-51021-020, RPS-51021-021,  
RPS-51021-023, RPS-51021-024, RPS-51021-025,  
RPS-51021-028, RPS-51021-030, RPS-51021-031,  
RPS-51021-032, RPS-51021-033, RPS-51021-034,  
RPS-51021-037, RPS-51021-038, RPS-51021-039,  
RPS-51021-040, RPS-51021-041, RPS-51021-042,  
RPS-51021-043, RPS-51021-044, RPS-51021-045,  
RPS-51021-046, RPS-51021-047, RPS-51021-048,  
RPS-51021-050, RPS-51021-051, RPS-51021-052,  
RPS-51021-053, RPS-51021-054, RPS-51021-055,  
RPS-51021-056, RPS-51021-057, RPS-51021-058,  
RPS-51021-059, RPS-51021-060, RPS-51021-061,  
RPS-51021-062, RPS-51021-063, RPS-51021-064,  
RPS-51021-065, RPS-51021-066, RPS-51021-067,  
RPS-51021-068, RPS-51021-071, RPS-51021-072,  
RPS-51021-073, RPS-51021-074, RPS-51021-076,  
RPS-51021-077, RPS-51021-078, RPS-51021-079,  
RPS-51021-080, RPS-51021-081, RPS-51021-083,  
RPS-51021-084, RPS-51021-085, RPS-51021-086,  
RPS-51021-089, RPS-51021-091, RPS-51021-092,  
RPS-51021-096, RPS-51021-097, RPS-51021-101,  
RPS-51021-102, RPS-51021-103, RPS-51021-104,  
RPS-51021-105, RPS-51021-107, RPS-51021-108,  
RPS-51021-112, RPS-51021-114, RPS-51021-117,  
RPS-51021-121, RPS-51021-122, RPS-53398-002,  
RPS-53398-037, RPS-53398-038  
SD-51021-002, SD-51021-005

Sales Drawing

This document was generated on 12/17/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**