

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

**Part Number:** **0500588000**  
**Status:** **Active**  
**Overview:** PicoBlade™ Connector System  
**Description:** 1.25mm Pitch PicoBlade™ Crimp Terminal, Female, 28-32 AWG, Reel

**Documents:**

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

**General**

Product Family	Crimp Terminals
Series	<u>50058</u>
Application	Signal
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	<u>PicoBlade™ Connector System</u>
Packaging Alternative	<u>50058-8100 (Loose)</u>
Product Name	PicoBlade™
UPC	800753576315

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	12.600/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.50-1.00mm
Wire Size AWG	28, 30, 32
Wire Size mm²	N/A

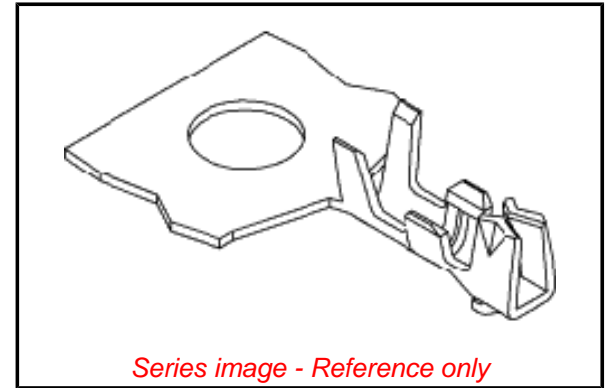
**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

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-501576-001, RPS-51021-001, 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-51021-015, RPS-51021-016, RPS-51021-017, RPS-51021-018, RPS-51021-019, RPS-51021-020, RPS-51021-021, RPS-51021-022, RPS-51021-023,
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Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015 June 15): No

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

50058 Series

**Mates With**

50125 Crimp Terminal 26-28 AWG, 50133 Crimp Terminal 28-32 AWG

**Use With**

51021 PicoBlade™ Wire-to-Wire and Wire-to-Board Housing

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

FineAdjust™  
1.25mm Pitch Crimp

**Product #**

0639003700

RPS-51021-024, RPS-51021-025, RPS-51021-026,  
RPS-51021-027, RPS-51021-028, RPS-51021-029,  
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-51021-083, 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-51021-106,  
RPS-51021-107, RPS-51021-108, RPS-51021-110,  
RPS-51021-112, RPS-51021-117, RPS-51021-118,  
RPS-51021-121, RPS-51021-122, RPS-53398-002,  
RPS-53398-037, RPS-53398-038, RPS-53398-039  
SD-50058-8\*00

Sales Drawing

Terminal, 26-32  
AWG  
T2 Terminator 0639103700  
Tooling Die  
Hand Crimp Tool 0638110000  
Terminals on Metal  
Strip  
Extraction Tool 0011030043  
Hand Crimp Tool for 0638190300  
1.25mm Pitch Crimp  
Terminals, 26-32  
AWG Wire  
Hand Crimp Tool for 0638190400  
1.25mm Pitch Crimp  
Terminals, 26-32  
AWG Wire

**Japan**

Description	Product #
Extraction Tool	<u>0570726000</u>
Applicator for M21 1A	<u>0570673000</u>
Bench Press, 26-32	
AWG Wire	
Side-Feed Applicator	<u>0570673200</u>
For Full-Auto Machine	

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