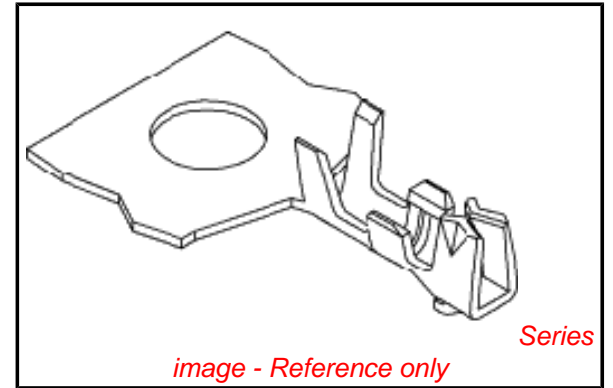


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**Part Number:** [50058-8000](#)  
**Status:** **Active**  
**Overview:** PicoBlade™ 1.25mm Pitch Connector System  
**Description:** 1.25mm Pitch PicoBlade™ Crimp Terminal, Female, 28-32 AWG, Reel

**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	50058
Application	Signal
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	<a href="#">PicoBlade™ 1.25mm Pitch Connector System</a>
Packaging Alternative	<a href="#">50058-8100 (Loose)</a>
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	1A
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,
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**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status 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**

50058Series

**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	Product #
Extraction Tool	<a href="#">0011030043</a>
Hand Crimp Tool	<a href="#">0638110000</a>
Terminals on Metal Strip	

RPS-51021-021, RPS-51021-022, RPS-51021-023,  
 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-53398-002, RPS-53398-037,  
 RPS-53398-038, RPS-53398-039  
 SD-50058-8\*00

Sales Drawing

Hand Crimp Tool for <u>0638190300</u>	
1.25mm Pitch Crimp	
Terminals, 26-32	
AWG Wire	
Hand Crimp Tool for <u>0638190400</u>	
1.25mm Pitch Crimp	
Terminals, 26-32	
AWG Wire	
FineAdjust™	<u>0639003700</u>
1.25mm Pitch Crimp	
Terminal, 26-32	
AWG	
T2 Terminator	<u>0639103700</u>
Tooling Die	
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
Applicator for M21 1A	<u>0570673000</u>
Bench Press, 26-32	
AWG Wire	
Side-Feed Applicator	<u>0570673200</u>
For Full-Auto	
Machine	
Extraction Tool	<u>0570726000</u>

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