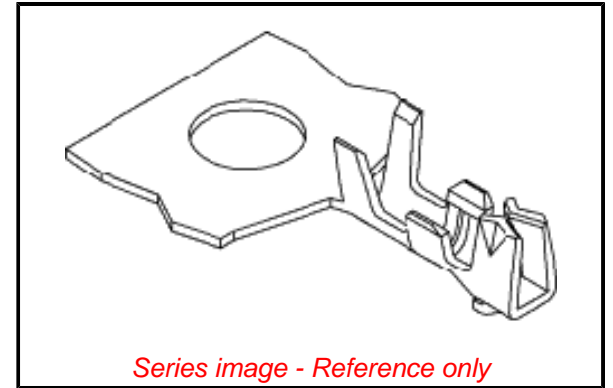


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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-51021-023-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51021-024-001 (PDF)</a>
<a href="#">Product Specification PS-51021-001-001 (PDF)</a>	<a href="#">Product Specification PS-51021-026-001 (PDF)</a>
<a href="#">Product Specification PS-51021-002-001 (PDF)</a>	<a href="#">Product Specification PS-51021-027-001 (PDF)</a>
<a href="#">Product Specification PS-51021-009-001 (PDF)</a>	<a href="#">Product Specification PS-51021-032-001 (PDF)</a>
<a href="#">Product Specification PS-51021-010-001 (PDF)</a>	<a href="#">Packaging Specification 500589200SPK-200 (PDF)</a>
<a href="#">Product Specification PS-51021-011-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51021-022-001 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	50058
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Current Derating Order No	987651-3691
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 mm <sup>2</sup>	N/A

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Crimp Specification	500580000-CS-000
Packaging Specification	500589200SPK-200
Product Specification	PS-51021-001-001, PS-51021-002-001, PS-51021-009-001, PS-51021-010-001, PS-51021-011-001, PS-51021-022-001, PS-51021-023-001, PS-51021-024-001, PS-51021-026-001, PS-51021-027-001, PS-51021-032-001
Sales Drawing	SD-50058-8*00

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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	Green Image
ELV	Not Relevant
Prop65	Compliant
RoHS Phthalates	Not Contained

**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

This document was generated on 09/12/2018

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