

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

**Part Number:** **0500798000**  
**Status:** **Active**  
**Overview:** PicoBlade Connector System  
**Description:** 1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 26-28 AWG, Reel

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51021-025-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-51021-026-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51021-027-001 (PDF)</a>
<a href="#">Product Specification 510211009-PS-000 (PDF)</a>	<a href="#">Product Specification PS-51021-032-001 (PDF)</a>
<a href="#">Product Specification 510211010-PS-000 (PDF)</a>	<a href="#">Application Specification 510210000-AS-000 (PDF)</a>
<a href="#">Product Specification 510211024-PS-000 (PDF)</a>	<a href="#">Application Specification 510210001-AS-000 (PDF)</a>
<a href="#">Product Specification PS-51021-009-001 (PDF)</a>	<a href="#">Packaging Specification SPK-50079-001-001 (PDF)</a>
<a href="#">Product Specification PS-51021-010-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51021-024-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	50079
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	500798100 (Loose)
Product Name	PicoBlade
UPC	800753616233

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	9.910/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.04mm max.
Wire Size AWG	26, 28
Wire Size mm <sup>2</sup>	N/A

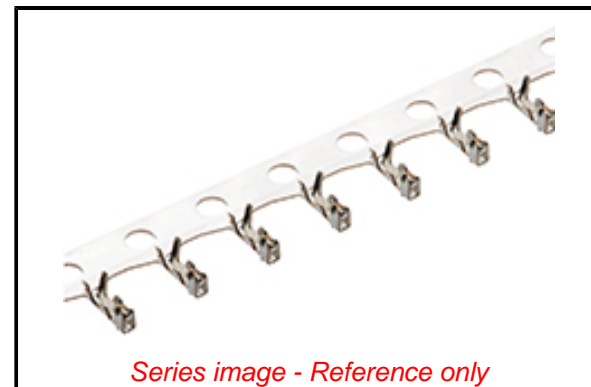
**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	510210000-AS-000, 510210001-AS-000
Crimp Specification	500580000-CS-000
Packaging Specification	SPK-50079-001-001
Product Specification	510211009-PS-000, 510211010-PS-000, 510211024-PS-000, PS-51021-009-001, PS-51021-010-001, PS-51021-024-001, PS-51021-025-001, PS-51021-026-001, PS-51021-027-001, PS-51021-032-001
Sales Drawing	SD-50079-001-001, SD-51021-002-001



Series image - Reference only

**EU ELV  
Compliant**

**EU RoHS  
Compliant  
REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free  
Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**  
50079 Series

**Use With**  
51021 PicoBlade Crimp 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 for Micro-Fit Terminals	11030043
Hand Crimp Tool for 1.25mm Pitch PicoBlade Receptacle Crimp Terminals, 26-32 AWG	2002181900
Hand Crimp Tool for 1.25mm Pitch	638110000

Terminals on a Metal  
Strip, 26-32 AWG  
FineAdjust 1.25mm 639003700  
Pitch Crimp  
Terminal, 26-32  
AWG  
T2 Terminator 639103700  
Tooling Die

**Japan**

**Description** **Product #**

Applicator for M211A 570673000  
Bench Press, 26-32  
AWG Wire  
S-1 Applicator 570673700  
for PicoBlade  
Receptacle  
Terminals, 28-32 and  
26-28 AWG  
Extraction Tool 570726000

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