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**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                  |

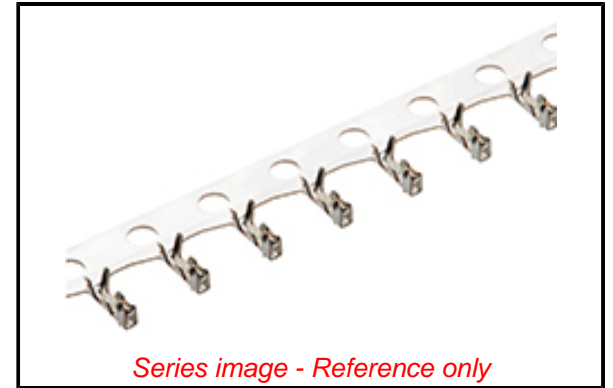
**Electrical**

|                               |                  |
|-------------------------------|------------------|
| 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   |



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

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  | <a href="#">11030043</a>   |
| Hand Crimp Tool for 1.25mm Pitch PicoBlade Receptacle Crimp Terminals, 26-32 AWG | <a href="#">2002181900</a> |
| Hand Crimp Tool Terminals on Metal Strip   | <a href="#">638110000</a>  |

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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