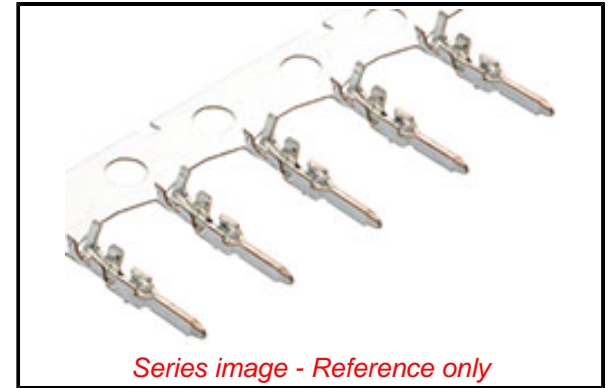


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0501258000**  
**Status:** **Active**  
**Overview:** PicoBlade Connector System  
**Description:** 1.25mm Pitch, PicoBlade Male Crimp Terminal, Tin (Sn) Plating, 26-28 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51021-009-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Application Specification 510210001-AS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 501259200-SPK-200 (PDF)</a>
<a href="#">Product Specification 510211009-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 510211109-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Terminals
Series	<u>50125</u>
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>PicoBlade Connector System</u>
Packaging Alternative	<u>501258100 (Loose)</u>
Product Name	PicoBlade
Taxonomy	Crimp Terminals
UPC	800753630260

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	17.100/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	26, 28
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	510210001-AS-000
Crimp Specification	CS-50125_50133-001
Packaging Specification	501259200-SPK-200
Product Specification	510211009-PS-000, 510211109-PS-000, PS-51021-009-001
Sales Drawing	501250000-SD-000

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**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**

50125 Series

**Use With**

51047 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	<u>11030043</u>
Hand Crimp Tool for 1.25mm Pitch PicoBlade Crimp Terminals, 26-32 AWG	<u>2002182000</u>
FineAdjust Applicator for 1.25mm (.049") Pitch Wire-to-Wire	<u>2037025900</u>

Crimp Terminals,  
26-32 AWG  
T2 Terminator 639104200  
Tooling Die

**Japan**

**Description** **Product #**

Extraction Tool 570726000

S-1 Applicator for 571383700

PicoBlade Terminals,  
26-28 AWG and  
28-32 AWG

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