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**Part Number:** **0501338100**  
**Status:** **Active**  
**Overview:** picoblade  
**Description:** 1.25mm (.049") Pitch PicoBlade™ Wire-to-Wire Crimp Terminal, Male, 28-32 AWG, Bag

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51021-009 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<u>50133</u>
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	<u>picoblade</u>
Product Name	PicoBlade™

**Physical**

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	35
Plating min: Mating (µm)	0.90
Plating min: Termination (µin)	36
Plating min: Termination (µm)	0.9
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.50-1.00mm (.020-.039")
Wire Size AWG	28, 30, 32
Wire Size mm²	N/A

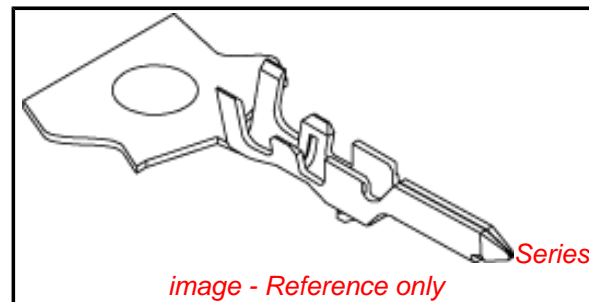
**Electrical**

Current - Maximum per Contact	0.8A, 1A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51021-009, RPS-51021-033
Sales Drawing	SD-50133-8*00



**EU RoHS**

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

**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**

50133Series

**Mates With**

50058 Crimp Terminal, 50079 Crimp Terminal

**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 #
Hand Crimp Tool for 1.25mm (.049") Pitch PicoBlade™ Crimp Terminals, 26-32 AWG	<u>0638190400</u>

Extraction Tool	<u>0011030043</u>
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**Japan**

Description	Product #
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Extraction Tool	<u>0570726000</u>
Hand Crimp Tool	<u>0571395000</u>

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