

This document was generated on 03/01/2019

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

**Part Number:** **0501338000**  
**Status:** **Active**  
**Overview:** PicoBlade Connector System  
**Description:** 1.25mm Pitch PicoBlade Crimp Terminal, Male, 28-32 AWG, Reel

**Documents:**

Drawing (PDF) Product Specification PS-51021-009-001 (PDF)  
3D Model RoHS Certificate of Compliance (PDF)

**General**

Product Family Crimp Terminals  
 Series 50133  
 Application Signal, Wire-to-Wire  
 Crimp Quality Equipment Yes  
 Current Derating Order No 987651-3691  
 Overview PicoBlade Connector System  
 Packaging Alternative 501338100 (Loose)  
 Product Name PicoBlade  
 UPC 800753576131

**Physical**

Gender Male  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 40.000/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

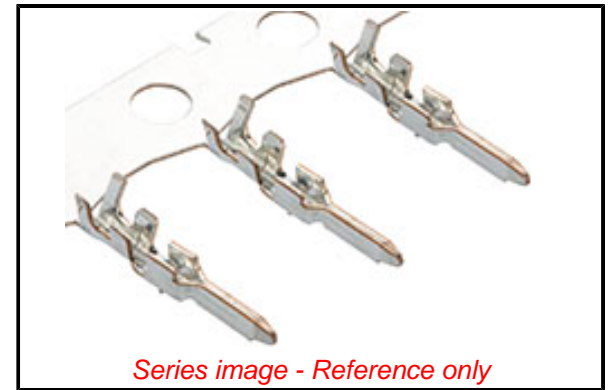
**Electrical**

Current - Maximum per Contact 0.8A, 1.0A  
 Voltage - Maximum 125V

**Material Info**

**Reference - Drawing Numbers**

Crimp Specification CS-50125\_50133  
 Product Specification PS-51021-009-001  
 Sales Drawing SD-50133-8X00



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

50133 Series

**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 #**

Extraction Tool 11030043

Hand Crimp Tool 638271500

for 1.25mm Pitch

PicoBlade Male

Crimp Terminals,

26-32 AWG

FineAdjust Applicator 639004200  
for 1.25mm Pitch  
Board In, Wire-to-  
Board and Wire-to-  
Wire Terminal, 26-32  
AWG  
T2 Terminator 639104200  
Tooling Die

**Japan**

**Description** **Product #**

Extraction Tool 570726000  
Applicator for M211A 571383000  
Bench Press, 26-32  
AWG Wire  
S-1 Applicator for 571383700  
PicoBlade Terminals,  
26-28 AWG and  
28-32 AWG

This document was generated on 03/01/2019

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