

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0500588000**
Status: **Active**
Overview: PicoBlade Connector System
Description: 1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 28-32 AWG, Reel

Documents:

3D Model	Product Specification PS-51021-025-001 (PDF)
Drawing (PDF)	Product Specification PS-51021-026-001 (PDF)
3D Model (PDF)	Product Specification PS-51021-027-001 (PDF)
Product Specification 510211009-PS-000 (PDF)	Product Specification PS-51021-032-001 (PDF)
Product Specification 510211010-PS-000 (PDF)	Application Specification 510210000-AS-000 (PDF)
Product Specification 510211024-PS-000 (PDF)	Application Specification 510210001-AS-000 (PDF)
Product Specification PS-51021-009-001 (PDF)	Packaging Specification 500589200SPK-200 (PDF)
Product Specification PS-51021-010-001 (PDF)	Packaging Specification SPK-50058-001-001 (PDF)
Product Specification PS-51021-024-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	50058
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	500588100 (Loose)
Product Name	PicoBlade
UPC	800753576315

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	9.670/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 ²	N/A

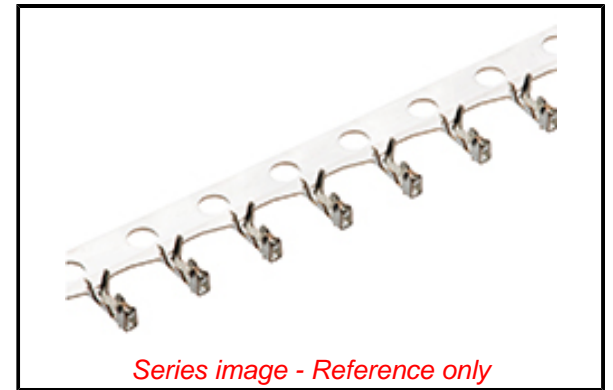
Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	510210000-AS-000, 510210001-AS-000
Crimp Specification	500580000-CS-000
Packaging Specification	500589200SPK-200, SPK-50058-001-001
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-50058-8X00-001



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

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

50058 Series

Use With

51021 PicoBlade Wire-to-Wire and Wire-to-Board 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

This document was generated on 08/24/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION