

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0500588100](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 28-32 AWG, Bag

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51021-009-001 \(PDF\)](#)
[Product Specification PS-51021-010-001 \(PDF\)](#)
[Product Specification PS-51021-024-001 \(PDF\)](#)
[Product Specification PS-51021-025-001 \(PDF\)](#)
[Product Specification PS-51021-026-001 \(PDF\)](#)
- [Product Specification PS-51021-027-001 \(PDF\)](#)
[Product Specification PS-51021-032-001 \(PDF\)](#)
[Application Specification 510210000-AS-000 \(PDF\)](#)
[Application Specification 510210001-AS-000 \(PDF\)](#)
[Packaging Specification 500589200SPK-200 \(PDF\)](#)
[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	PicoBlade Connector System
Packaging Alternative	500588000 (Reel)
Product Name	PicoBlade
UPC	800753719620

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	12.600/mg
Packaging Type	Bag
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 mm²	N/A

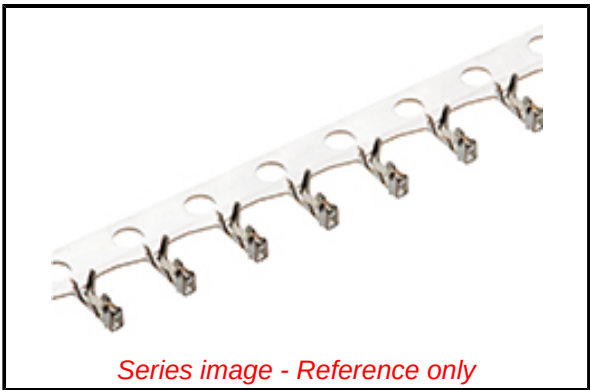
Electrical

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
Packaging Specification	500589200SPK-200
Product Specification	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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[50058](#) Series

Use With

[51021](#) 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	638271400

for 1.25mm Pitch
PicoBlade Female
Crimp Terminals,
26-32 AWG

Japan

Description	Product #
Hand Crimp Tool	570685000
Extraction Tool	570726000

This document was generated on 09/18/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION