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Part Number: [0500588000](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Crimp Terminal, Female, 28-32 AWG, Reel

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51021-022 (PDF) |
| Drawing (PDF) | Product Specification PS-51021-023 (PDF) |
| Product Specification PS-51021-001 (PDF) | Product Specification PS-51021-024 (PDF) |
| Product Specification PS-51021-002 (PDF) | Product Specification PS-51021-026 (PDF) |
| Product Specification PS-51021-009 (PDF) | Product Specification PS-51021-027 (PDF) |
| Product Specification PS-51021-010 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51021-011 (PDF) | |

General

| | |
|---------------------------|---|
| Product Family | Crimp Terminals |
| Series | 50058 |
| Application | Signal |
| Crimp Quality Equipment | Yes |
| Current Derating Order No | 987651-3691 |
| MolexKits | Yes |
| Overview | PicoBlade™ Connector System |
| Packaging Alternative | 50058-8100 (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 | 12.600/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 mm² | N/A |

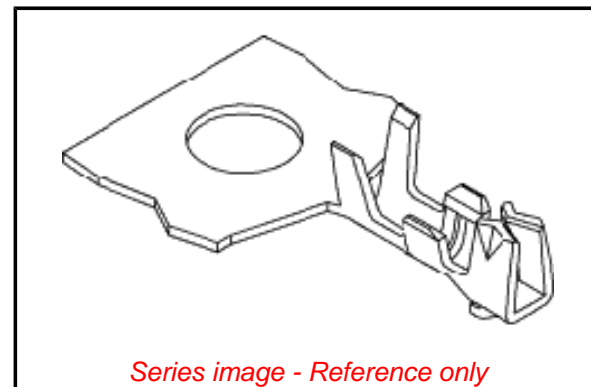
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-024, PS-51021-026, PS-51021-027, RPS-501576-001, RPS-51021-002, RPS-51021-003, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-009, RPS-51021-011, RPS-51021-013, RPS-51021-014, RPS-51021-015, RPS-51021-016, RPS-51021-017, RPS-51021-018, RPS-51021-019, RPS-51021-021, RPS-51021-022, RPS-51021-023, RPS-51021-024, RPS-51021-025, |
|-----------------------|--|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[50058](#) Series

Mates With

[50125](#) Crimp Terminal 26-28 AWG, [50133](#) Crimp Terminal 28-32 AWG

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 #

Hand Crimp Tool for [0638190400](#)
1.25mm Pitch Crimp

RPS-51021-026, RPS-51021-027, RPS-51021-028,
RPS-51021-029, RPS-51021-030, RPS-51021-031,
RPS-51021-032, RPS-51021-033, RPS-51021-034,
RPS-51021-037, RPS-51021-038, RPS-51021-039,
RPS-51021-040, RPS-51021-041, RPS-51021-042,
RPS-51021-043, RPS-51021-044, RPS-51021-045,
RPS-51021-046, RPS-51021-047, RPS-51021-048,
RPS-51021-050, RPS-51021-051, RPS-51021-052,
RPS-51021-053, RPS-51021-054, RPS-51021-055,
RPS-51021-056, RPS-51021-057, RPS-51021-058,
RPS-51021-059, RPS-51021-060, RPS-51021-061,
RPS-51021-062, RPS-51021-064, RPS-51021-065,
RPS-51021-067, RPS-51021-068, RPS-51021-071,
RPS-51021-072, RPS-51021-073, RPS-51021-074,
RPS-51021-076, RPS-51021-077, RPS-51021-078,
RPS-51021-079, RPS-51021-080, RPS-51021-083,
RPS-51021-084, RPS-51021-085, RPS-51021-086,
RPS-51021-089, RPS-51021-091, RPS-51021-092,
RPS-51021-096, RPS-51021-097, RPS-51021-101,
RPS-51021-102, RPS-51021-103, RPS-51021-104,
RPS-51021-105, RPS-51021-106, RPS-51021-107,
RPS-51021-108, RPS-51021-110, RPS-51021-112,
RPS-51021-117, RPS-51021-118, RPS-51021-121,
RPS-51021-122, RPS-51021-125, RPS-53398-002,
RPS-53398-037, RPS-53398-038, RPS-53398-039
SD-50058-8*00

Sales Drawing

Terminals, 26-32
AWG Wire
Extraction Tool 0011030043
Hand Crimp Tool 0638110000
Terminals on Metal
Strip
Hand Crimp Tool for 0638190300
1.25mm Pitch Crimp
Terminals, 26-32
AWG Wire
FineAdjust™ 0639003700
1.25mm Pitch Crimp
Terminal, 26-32
AWG
T2 Terminator 0639103700
Tooling Die

| Japan | |
|--------------------------|-------------------|
| Description | Product # |
| Extraction Tool | <u>0570726000</u> |
| Applicator for M21 1A | <u>0570673000</u> |
| Bench Press, 26-32 | |
| AWG Wire | |
| Side-Feed Applicator | <u>0570673200</u> |
| For Full-Auto Machine | |

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[50058-8000](#) [50058-8000 \(Cut Strip\)](#) [50058-8000 \(Mouser Reel\)](#)