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Part Number: **0500798000**
Status: **Active**
Overview: PicoBlade™ Connector System
Description: 1.25mm Pitch PicoBlade™ Crimp Terminal, 26-28 AWG, Reel

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-51021-022 (PDF) |
| Drawing (PDF) | Product Specification PS-51021-023 (PDF) |
| Product Specification 510210001 (PDF) | Product Specification PS-51021-024 (PDF) |
| Product Specification 532610000 (PDF) | Product Specification PS-51021-025 (PDF) |
| Product Specification PS-51021-001 (PDF) | Product Specification PS-51021-026 (PDF) |
| Product Specification PS-51021-002 (PDF) | Product Specification PS-51021-027 (PDF) |
| Product Specification PS-51021-009 (PDF) | Packaging Specification SPK-50079-001 (PDF) |
| Product Specification PS-51021-010 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51021-011 (PDF) | |

General

| | |
|---------------------------|------------------------------------|
| Product Family | Crimp Terminals |
| Series | 50079 |
| Application | Signal |
| Crimp Quality Equipment | Yes |
| Current Derating Order No | 987651-3691 |
| Overview | <u>PicoBlade™ Connector System</u> |
| Packaging Alternative | 50079-8100 (Loose) |
| Product Name | PicoBlade™ |
| UPC | 800753616233 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 10.100/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.914µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 0.50-1.04mm |
| Wire Size AWG | 26, 28 |
| Wire Size mm² | N/A |

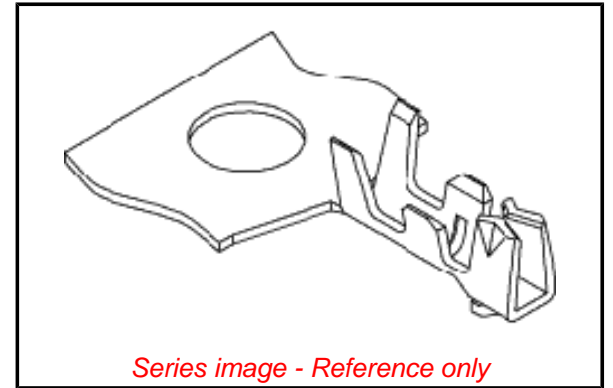
Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
|-------------------------------|------|

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|---|
| Packaging Specification | SPK-50079-001 |
| Product Specification | 510210001, 532610000, 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-51021-025, 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-51021-011, RPS-51021-013, RPS-51021-014, RPS-51021-015, RPS-51021-016, RPS-51021-017, RPS-51021-018, RPS-51021-021, RPS-51021-023, |



EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

China RoHS

Green Image
Compliant

Search Parts in this Series

50079 Series

Mates With

50125 Crimp Terminal, 50133 Crimp Terminal

Use With

51021 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 [0638190400](#)
1.25mm Pitch Crimp

RPS-51021-024, RPS-51021-025, 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-51021-043, 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-51021-066, 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-51021-100, 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-51021-112, RPS-51021-113,
 RPS-51021-115, RPS-51021-117, RPS-51021-118,
 RPS-51021-121, RPS-51021-122, RPS-51021-124,
 RPS-51021-125, RPS-53398-002, RPS-53398-037,
 RPS-53398-038
 SD-50079-001, SD-51021-002

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

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