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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)	Product Specification PS-51021-028 (PDF)
Product Specification PS-51021-011 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	<u>50058</u>
Application	Signal
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	<u>PicoBlade™ Connector System</u>
Packaging Alternative	<u>50058-8100 (Loose)</u>
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

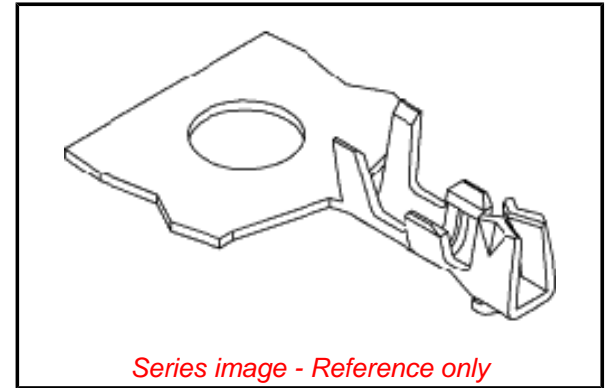
Electrical

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, PS-51021-028, RPS-501576-001, RPS-51021-001, RPS-51021-002, RPS-51021-003, RPS-51021-004, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-009, RPS-51021-010, 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-51021-020, RPS-51021-021, RPS-51021-022, RPS-51021-023,
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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

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

FineAdjust™
1.25mm Pitch Crimp

Product #

0639003700

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-51021-042, 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,
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RPS-51021-063, 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,
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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-53398-002,
RPS-53398-037, RPS-53398-038, RPS-53398-039
SD-50058-8*00

Sales Drawing

Terminal, 26-32
AWG
Hand Crimp Tool for [0638190300](#)
1.25mm Pitch Crimp
Terminals, 26-32
AWG Wire
Hand Crimp Tool for [0638190400](#)
1.25mm Pitch Crimp
Terminals, 26-32
AWG Wire
T2 Terminator [0639103700](#)
Tooling Die
Extraction Tool [0011030043](#)
Hand Crimp Tool [0638110000](#)
Terminals on Metal
Strip

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

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