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Part Number:

0500588000

Status:

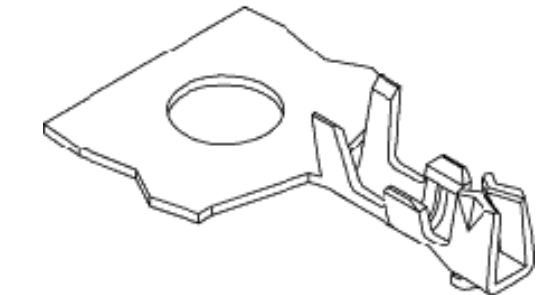
Active

Overview:

PicoBlade™ Connector System

Description:

1.25mm Pitch PicoBlade™ Crimp Terminal, Female, 28-32 AWG, Reel



Series image - Reference only

- 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	50058
Application	Signal
Crimp Quality Equipment	Yes
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, 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,

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

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

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 #
FineAdjust™ 1.25mm Pitch Crimp	0639003700

Sales Drawing

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,
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RPS-51021-057, RPS-51021-058, RPS-51021-059,
RPS-51021-060, RPS-51021-061, RPS-51021-062,
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,
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-53398-002,
RPS-53398-037, RPS-53398-038, RPS-53398-039
SD-50058-8*00

Terminal, 26-32	
AWG	
T2 Terminator	<u>0639103700</u>
Tooling Die	
Hand Crimp Tool	<u>0638110000</u>
Terminals on Metal	
Strip	
Extraction Tool	<u>0011030043</u>
Hand Crimp Tool for	<u>0638190300</u>
1.25mm Pitch Crimp	
Terminals, 26-32	
AWG Wire	
Hand Crimp Tool for	<u>0638190400</u>
1.25mm Pitch Crimp	
Terminals, 26-32	
AWG Wire	
Japan	
Description	Product #
Extraction Tool	<u>0570726000</u>
Applicator for M211A	<u>0570673000</u>
Bench Press, 26-32	
AWG Wire	
Side-Feed Applicator	<u>0570673200</u>
For Full-Auto	
Machine	

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