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Part Number:

50058-8000

Status:

Active

Overview:

PicoBlade™ Connector System

Description:

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

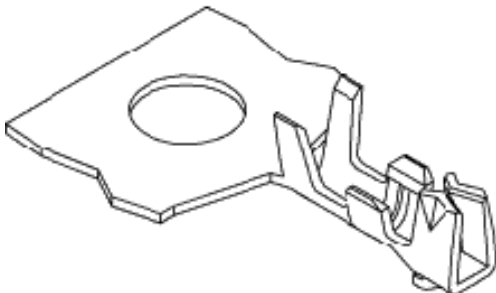


image - Reference only

Series

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	1A
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,
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EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

50058Series

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	0638110000
Terminals on Metal Strip	
Hand Crimp Tool for 1.25mm Pitch Crimp	0638190300

Sales Drawing

RPS-51021-021, RPS-51021-022, RPS-51021-023,
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,
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-51021-063, 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

Terminals, 26-32	
AWG Wire	
Hand Crimp Tool for <u>0638190400</u>	
1.25mm Pitch Crimp	
Terminals, 26-32	
AWG Wire	
T2 Terminator	<u>0639103700</u>
Tooling Die	
FineAdjust™	<u>0639003700</u>
1.25mm Pitch Crimp	
Terminal, 26-32	
AWG	
Extraction Tool	<u>0011030043</u>
Japan	
Description	Product #
Applicator for M211A	<u>0570673000</u>
Bench Press, 26-32	
AWG Wire	
Side-Feed Applicator	<u>0570673200</u>
For Full-Auto	
Machine	
Extraction Tool	<u>0570726000</u>

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Molex:

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