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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-51021-011 (PDF)
Drawing (PDF)	Product Specification PS-51021-022 (PDF)
Product Specification 510210001 (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)

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

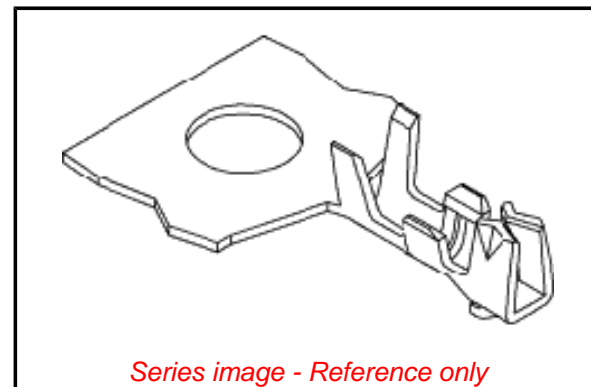
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification [510210001](#), [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](#),



Series image - Reference only

EU ELV

Not Relevant

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

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-51021-025, 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-51021-064,
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-51021-110, 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	<u>0011030043</u>
Hand Crimp Tool	<u>0638110000</u>
Terminals on Metal Strip	
Hand Crimp Tool for 1.25mm Pitch Crimp	<u>0638190300</u>
Terminals, 26-32 AWG Wire	
FineAdjust™ 1.25mm Pitch Crimp	<u>0639003700</u>
Terminal, 26-32 AWG	
T2 Terminator	<u>0639103700</u>
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 For Full-Auto Machine	<u>0570673200</u>

This document was generated on 08/18/2016

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