

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0500588100](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Crimp Terminal, Female, 28-32 AWG, Bag

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
Overview	PicoBlade™ Connector System
Packaging Alternative	50058-8000 (Reel)
Product Name	PicoBlade™
UPC	800753719620

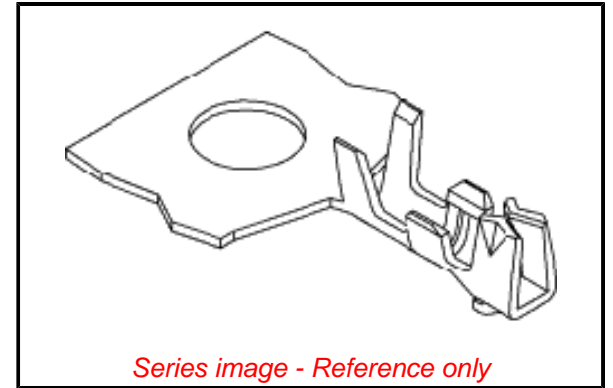
Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	12.600/mg
Packaging Type	Bag
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

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](#), [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-51021-037](#), [RPS-51021-038](#), [RPS-51021-039](#), [RPS-51021-040](#), [RPS-51021-041](#), [RPS-51021-042](#),



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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

China RoHS

Search Parts in this Series

[50058](#) Series

Mates With

[50125](#) Crimp Terminal 26-28 AWG, [50133](#) Crimp Terminal 28-32 AWG

Use With

[51021](#) 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-51021-043, 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-51021-081, 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-51021-105, 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
SD-50058-8*00

Sales Drawing

Terminals, 26-32
AWG Wire
Extraction Tool 0011030043
Hand Crimp Tool for 0638190300
1.25mm Pitch Crimp
Terminals, 26-32
AWG Wire

Japan

Description	Product #
Hand Crimp Tool	<u>0570685000</u>
Extraction Tool	<u>0570726000</u>

This document was generated on 10/28/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION