

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0510210400](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 4 Circuits, Natural

Documents:

- | | |
|--|--|
| 3D Model (PDF) | Product Specification 510211024-PS-000 (PDF) |
| Drawing (PDF) | Product Specification PS-51021-009-001 (PDF) |
| 2D Drawing DXF (PDF) | Product Specification PS-51021-010-001 (PDF) |
| 2D Drawing (DXF) | Product Specification PS-51021-024-001 (PDF) |
| 3D Model | Product Specification PS-51021-025-001 (PDF) |
| Product Specification 510210000-PS-000 (PDF) | Product Specification PS-51021-026-001 (PDF) |
| Product Specification 510210001-PS-000 (PDF) | Product Specification PS-51021-027-001 (PDF) |
| Product Specification 510210006-PS-000 (PDF) | Application Specification 510210000-AS-000 (PDF) |
| Product Specification 510211000-PS-000 (PDF) | Application Specification 510210001-AS-000 (PDF) |
| Product Specification 510211001-PS-000 (PDF) | Packaging Specification SPK-51021-001-001 (PDF) |
| Product Specification 510211009-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 510211010-PS-000 (PDF) | |

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	51021
Application	Signal, Wire-to-Board, Wire-to-Wire
Current Derating Order No	987651-3691
Overview	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753575615

Physical

Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	42.200/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Material Info

Reference - Drawing Numbers

Application Specification	510210000-AS-000, 510210001-AS-000
Packaging Specification	SPK-51021-001-001
Product Specification	510210000-PS-000, 510210001-PS-000, 510210006-PS-000, 510211000-PS-000, 510211001-PS-000,



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[51021](#) Series

Mates With

PicoBlade Header [53261](#) , [53047](#) , [53398](#) ,
[53048](#) . PicoBlade Plug Housing [51047](#)

Use With

PicoBlade Crimp Terminal [50058](#) , [50079](#)
. PicoBlade Pre-Crimped Lead [214920](#)
, [214921](#) , [797580006](#) , [797580014](#) ,
[797581059](#) , [797581060](#) , [797581061](#) ,
[797581062](#) , [797581063](#)

Sales Drawing

510211009-PS-000, 510211010-PS-000, 510211024-
PS-000, PS-51021-009-001, PS-51021-010-001,
PS-51021-024-001, PS-51021-025-001,
PS-51021-026-001, PS-51021-027-001
SD-51021-002-001, SD-51021-005-001

This document was generated on 08/23/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION