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**Part Number:** [0510210800](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch PicoBlade Wire-to-Wire and Wire-to-Board Housing, Female, 8 Circuits, Natural

**Documents:**

- [3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification 510210000-PS-000 \(PDF\)](#)  
[Product Specification 510210001-PS-000 \(PDF\)](#)  
[Product Specification PS-51021-001-001 \(PDF\)](#)  
[Product Specification PS-51021-002-001 \(PDF\)](#)  
[Product Specification PS-51021-009-001 \(PDF\)](#)  
[Product Specification PS-51021-010-001 \(PDF\)](#)  
[Product Specification PS-51021-011-001 \(PDF\)](#)  
[Product Specification PS-51021-022-001 \(PDF\)](#)
- [Product Specification PS-51021-023-001 \(PDF\)](#)  
[Product Specification PS-51021-024-001 \(PDF\)](#)  
[Product Specification PS-51021-025-001 \(PDF\)](#)  
[Product Specification PS-51021-026-001 \(PDF\)](#)  
[Product Specification PS-51021-027-001 \(PDF\)](#)  
[Application Specification 510210000-AS-000 \(PDF\)](#)  
[Application Specification 510210001-AS-000 \(PDF\)](#)  
[Packaging Specification SPK-51021-001-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Family            | Crimp Housings                             |
| Series                    | <a href="#">51021</a>                      |
| Application               | Signal, Wire-to-Board, Wire-to-Wire        |
| Current Derating Order No | 987651-3691                                |
| Overview                  | <a href="#">PicoBlade Connector System</a> |
| Product Name              | PicoBlade                                  |
| UPC                       | 800753575653                               |

**Physical**

|                               |               |
|-------------------------------|---------------|
| Circuits (maximum)            | 8             |
| Color - Resin                 | Natural       |
| Flammability                  | 94V-0         |
| Gender                        | Receptacle    |
| Glow-Wire Capable             | No            |
| Lock to Mating Part           | Yes           |
| Material - Resin              | Polyester     |
| Net Weight                    | 74.300/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 +85°C |

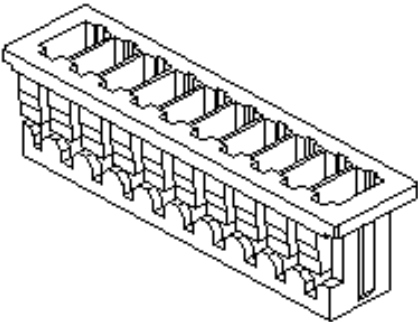
**Electrical**

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 0.8A, 1.0A |
|-------------------------------|------------|

**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, PS-51021-001-001, PS-51021-002-001, |



Series image - Reference only

**EU ELV**  
**Compliant**

**EU RoHS**  
**Compliant**  
**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**  
**Status**

**Not Low-Halogen**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**  
[51021](#) Series

**Mates With**

[53261](#) 1.25mm Pitch PicoBlade Right Angle SMT Header, [53047](#) 1.25mm Pitch PicoBlade Vertical Thru-Hole Header, [53398](#) 1.25mm Pitch PicoBlade Vertical SMT Header, [53048](#) 1.25mm Pitch PicoBlade Right Angle Thru-Hole Header

**Use With**

[50058](#) Crimp Terminal, [50079](#) Crimp Terminal

Sales Drawing

PS-51021-009-001, PS-51021-010-001,  
PS-51021-011-001, PS-51021-022-001,  
PS-51021-023-001, PS-51021-024-001,  
PS-51021-025-001, PS-51021-026-001,  
PS-51021-027-001  
SD-51021-002, SD-51021-005

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