

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0510210400**  
**Status:** **Active**  
**Overview:** PicoBlade™ Connector System  
**Description:** 1.25mm Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 4 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**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  
 MolexKits Yes  
 Overview PicoBlade™ Connector System  
 Product Name PicoBlade™  
 UPC 800753575615

**Physical**

Circuits (maximum) 4  
 Color - Resin Natural  
 Flammability 94V-0  
 Gender Female  
 Glow-Wire Compliant No  
 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°C to +85°C

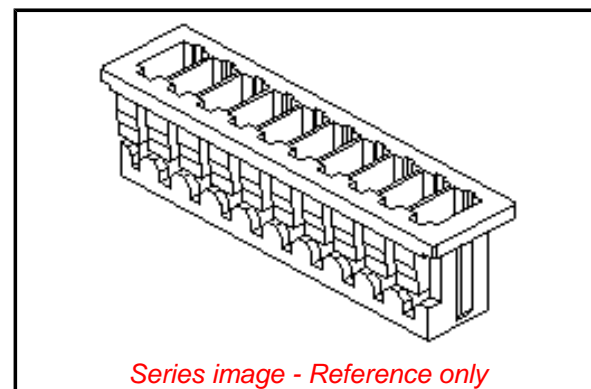
**Electrical**

Current - Maximum per Contact 0.8A, 1.0A

**Material Info**

**Reference - Drawing Numbers**

Product Specification RPS-51021-002, RPS-51021-003, RPS-51021-006,  
 RPS-51021-007, RPS-51021-008, RPS-51021-009,  
 RPS-51021-011, RPS-51021-055  
 Sales Drawing SD-51021-002, SD-51021-005



*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**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

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