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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

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 800753575653

Physical

Circuits (maximum) 8
 Color - Resin Natural
 Flammability 94V-0
 Gender Female
 Glow-Wire Compliant 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°C to +85°C

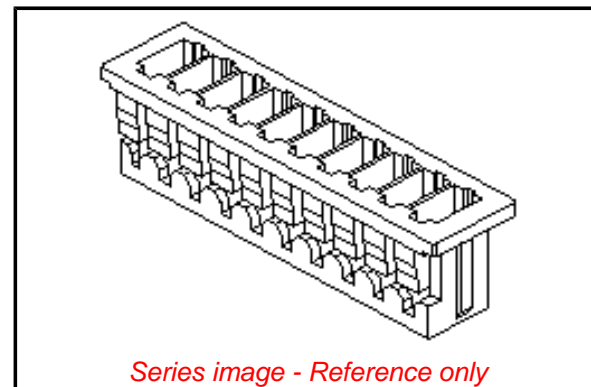
Electrical

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
 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