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Part Number: [78214-1001](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 4 Pair, Vertical Power Receptacle, 2.00mm Pitch, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [78214](#)
 Application Backplane
 Application Tooling Documents TM-622018799
 Component Type Power Receptacle
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
 Product Name Impact™
 Style N/A
 UPC 800756931340

Physical

Circuits (Loaded) 4
 Circuits (maximum) 4
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Flammability 94V-0
 Guide to Mating Part No
 Keying to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.613g
 Number of Columns N/A
 Number of Pairs 4
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 2.00mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 5.20mm
 Pitch - Termination Interface 2.00mm, 3.20mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to PCB No
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55°C to +85°C



image - Reference only

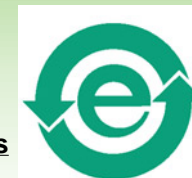
Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[78214Series](#)

Mates With

[78349 Impact™ Right Angle Header](#)

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 # |
|---------------------|----------------------------|
| Vertical Power | 0622018643 |
| Module Installation | |
| Press-In Tool | |

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

20A

Data Rate

N/A

Shield Type

N/A

Shielded

No

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-78214-003

Symbol/Footprint Data

SYM-78214-1001

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