

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [78216-1001](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 5 Pair, Vertical Power Receptacle, 2.00mm Pitch, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-78213-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [78216](#)
Application Conventional, Mezzanine, Orthogonal Midplane
Application Tooling Documents TM-622018799
Component Type Power Receptacle
Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
Product Name Impact™
Style N/A
UPC 883906511500

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 3.200/g
Number of Columns N/A
Number of Pairs 5
Number of Rows 2
Orientation Vertical
PC Tail Length 2.50mm
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
Termination Interface: Style Through Hole - Compliant Pin



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



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
[78216Series](#)

Mates With
[78351 Impact™ Right Angle Header](#), [78446 Impact™ Vertical Headers](#)

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 #
Removal Tool for 6-Pair Vertical Power Header and Receptacle	0621008200
Impact™ Backplane Press-In Tool	0622018875
Press-In Tool for 5-Pair Assemblies	0622018667

Electrical

Current - Maximum per Contact	25A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Product Specification	PS-78213-001
Sales Drawing	SD-78216-002
Symbol/Footprint Data	SYM-78216-1001

This document was generated on 07/03/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION