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Part Number: [0782141001](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 4 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-78214-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-78213-001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [78214](#)
 Application Conventional, Mezzanine, Orthogonal Midplane
 Application Tooling Documents TM-622018799
 Component Type Power Receptacle
 Overview [Impact Backplane Connector and Cable Assembly System](#)
 Product Name Impact
 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 2.619/g
 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° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

**Halogen-Free
 Status**

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

China RoHS

Search Parts in this Series

[78214 Series](#)

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 #
Impact Vertical Power Module Insertion Tool for 4-Pair Assemblies	2034620006
Vertical Power Module Installation Press-In Tool	622018643

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	20.0A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-78214-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78214-003
Symbol/Footprint Data	SYM-78214-1001

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