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Part Number: **0782145001**
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, Tin-Lead

Documents:

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

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 800756916934

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-Lead
Material - Resin High Temperature Thermoplastic
Net Weight 2.573/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
Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

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 #

Vertical Power

[622018643](#)

Module Installation

Press-In Tool

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
Symbol/Footprint Data	SYM-78214-5001

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