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**Part Number:** [0782121001](#)  
**Status:** **Active**  
**Overview:** Impact Backplane Connector and Cable Assembly System  
**Description:** Impact 3 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-78212-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [78212](#)  
 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 883906100759

**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 2.002/g  
 Number of Columns N/A  
 Number of Pairs 3  
 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° to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin



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

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[78212](#) Series

**Mates With**

[78347](#) Impact Right Angle Header, [78399](#)  
 Impact Vertical 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 #
Remove Tool for 3 Pair Vertical Power Header	<a href="#">621008300</a>
Vertical Power Module Installation, Press-In Tool	<a href="#">622018648</a>

**Electrical**

Current - Maximum per Contact	15.0A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-78212-001-001
Sales Drawing	SD-78212-002-001
Symbol/Footprint Data	SYM-78212-1001

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