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**Part Number:** [78217-1011](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connectors and Cable Assemblies  
**Description:** Impact™ 6 Pair, Right Angle Power Header, 2.00mm Pitch, Press-Fit, Blade A1 & A2; B1 & B2 and C1 & C2 Length 6.90mm, LCP, Glass Filled, UL94-V0, Black, Tray Packaging, 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 [78217](#)  
 Application Conventional, Coplanar  
 Application Tooling Documents TM-622018799  
 Component Type Power Header  
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)  
 Product Name Impact™  
 Style N/A  
 UPC 884982552746

**Physical**

Circuits (Loaded) 6  
 Circuits (maximum) 6  
 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 15.170/g  
 Number of Columns N/A  
 Number of Pairs 6  
 Number of Rows 3  
 Orientation Right Angle  
 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



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](mailto: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**

[78217Series](#)

**Mates With**

[78216 Impact™ Vertical Receptacle](#), [78352 Right Angle Receptacle](#)

**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 #
Press-In Tool for Power Module Assembly, 6-Pair Assemblies	<a href="#">0622018669</a>
Impact™ Power Module Right Angle Removal Tool	<a href="#">0622024500</a>

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**

Product Specification

PS-78213-001

Sales Drawing

SD-78217-002

Symbol/Footprint Data

SYM-78217-1011

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