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**Part Number:** [78247-1001](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connectors and Cable Assemblies  
**Description:** Impact™ 3 Pair, Right Angle Power Receptacle, 2.00mm Pitch, Press-Fit, 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**

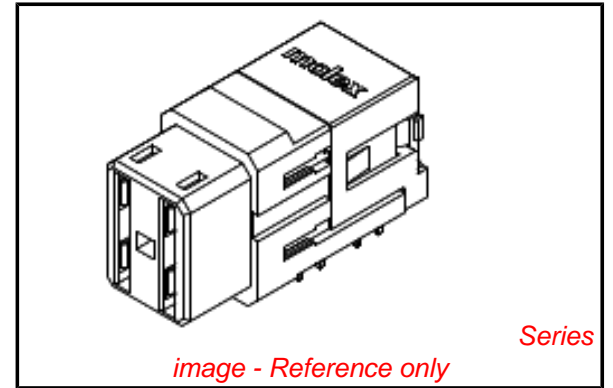
UL E29179

**General**

Product Family Backplane Connectors  
 Series [78247](#)  
 Application Coplanar  
 Application Tooling Documents TM-622018799  
 Component Type Power Receptacle  
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)  
 Product Name Impact™  
 Style N/A  
 UPC 884982004399

**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 5.875/g  
 Number of Columns N/A  
 Number of Pairs 3  
 Number of Rows 2  
 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 -20°C to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin



**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**

[78247Series](#)

**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 #
Right Angle Power Module Installation, Press-In Tool	<a href="#">0622018649</a>

**Electrical**

Current - Maximum per Contact	15A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	48V DC

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-78213-001
Sales Drawing	SD-78247-001
Symbol/Footprint Data	SYM-78247-1001

This document was generated on 05/14/2013

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