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**Part Number:** [0783492003](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connector and Cable Assembly System  
**Description:** Impact™ 4 Pair, Right Angle Power Header, Right Hold-Down, Module 1: Blade P1 & P2, Length 6.90mm & 5.70mm; Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-78349-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78213-001-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [78349](#)  
 Application Conventional, Coplanar  
 Application Tooling Documents TM-622018799  
 Component Type Power Header  
 Overview [Impact™ Backplane Connector and Cable Assembly System](#)  
 Product Name Impact™  
 UPC 887191316994

**Physical**

Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Black  
 Durability (mating cycles max) 200  
 First Mate / Last Break Yes  
 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 12.606/g  
 Number of Columns N/A  
 Number of Pairs 4  
 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 -55°C to +85°C



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[78349 Series](#)

**Mates With**

[78214 Impact™ Vertical Receptacle](#), [78350 Right Angle Receptacle](#)

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 |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-78349-001     |
| Product Specification   | PS-78213-001-001 |
| Sales Drawing           | SD-78349-001     |
| Symbol/Footprint Data   | SYM-78349-2003   |

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