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**Part Number:** [0783492042](#)

**Status:** **Active**

**Overview:** [Impact™ Backplane Connector and Cable Assembly System](#)

**Description:** Impact™ 4 Pair Right Angle Power Header, 2 Modules with Left Hold-Down, Module 1: Blade P1 & P2, Length 5.70 & 6.90mm; Module 2: Blade P1 & P2 Length 5.70mm & 5.70mm, Press-Fit, LCP, Glass Filled UL94-V

**Documents:**

[Drawing \(PDF\)](#)

[Product Specification PS-78213-001-001 \(PDF\)](#)

[Packaging Specification PK-78349-002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">78349</a>
Application	Conventional, Coplanar
Application Tooling Documents	TM-622018799
Component Type	Power Header
Electrical Model	No
Overview	<a href="#">Impact™ Backplane Connector and Cable Assembly System</a>
Product Name	Impact™
Style	N/A
UPC	887191673455

**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	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	20.529/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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[78349 Series](#)

**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 #
Impact™ Power Module Right Angle Removal Tool	<a href="#">0622024500</a>
Right Angle Power Module Installation Press-In Tool	<a href="#">0622018642</a>

Temperature Range - Operating -55°C to +85°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 20.0A  
Data Rate 25.0 Gbps  
Impedance 85Ω  
Shield Type N/A  
Shielded No  
Voltage - Maximum 250V DC

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-78349-002  
Product Specification PS-78213-001-001  
Sales Drawing SD-78349-001

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