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**Part Number:** **0783501001**  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connector and Cable Assembly System  
**Description:** Impact™ 4 Pair, Right Angle Power Receptacle, Left Hold-Down, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-78350-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78213-001-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
Series 78350  
Application Conventional, Coplanar  
Application Tooling Documents TM-622018799  
Component Type Power Receptacle  
Overview Impact™ Backplane Connector and Cable Assembly System  
Product Name Impact™  
UPC 884982608627

**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 12.080/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  
Termination Interface: Style Through Hole - Compliant Pin



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**

78350 Series

**Mates With**

78349 Impact™ Right Angle Power 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 0622018642

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

Packaging Specification	PK-78350-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78350-001
Symbol/Footprint Data	SYM-78350-1001

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