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**Part Number:** [0782131044](#)  
**Status:** **Active**  
**Overview:** [Impact™ Backplane Connector and Cable Assembly System](#)  
**Description:** Impact™ 4 Pair, Right Angle Power Header, Press-Fit, Blade A1 & A2 Length 6.90mm , Blade B1 & B2 Length 5.70, 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 \(PDF\)](#)

|                                |                                                                       |
|--------------------------------|-----------------------------------------------------------------------|
| <b>Agency Certification</b>    |                                                                       |
| CSA                            | LR19980                                                               |
| UL                             | E29179                                                                |
| <b>General</b>                 |                                                                       |
| Product Family                 | Backplane Connectors                                                  |
| Series                         | <a href="#">78213</a>                                                 |
| Application                    | Conventional, Coplanar                                                |
| Application Tooling Documents  | TM-622018799                                                          |
| Component Type                 | Power Header                                                          |
| Overview                       | <a href="#">Impact™ Backplane Connector and Cable Assembly System</a> |
| Product Name                   | Impact™                                                               |
| UPC                            | 800756931333                                                          |
| <b>Physical</b>                |                                                                       |
| 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                     | 8.696/g                                                               |
| Number of Columns              | N/A                                                                   |
| Number of Pairs                | 4                                                                     |
| Number of Rows                 | 2                                                                     |
| Orientation                    | Right Angle                                                           |
| PC Tail Length                 | 2.00mm                                                                |
| 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** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Contains SVHC(2014 December 17): No  
**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

**Search Parts in this Series**  
[78213](#) Series

**Mates With**  
[78214](#) Impact™ Vertical Receptacle, [78350](#) 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 #                  |
|-----------------------------------------------------|----------------------------|
| Right Angle Power Module Installation Press-In Tool | <a href="#">0622018642</a> |
| Impact™ Power Module Right Angle Removal Tool       | <a href="#">0622024500</a> |

|                                    |                              |
|------------------------------------|------------------------------|
| Termination Interface: Style       | Through Hole - Compliant Pin |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 20.0A                        |
| Data Rate                          | N/A                          |
| Shield Type                        | N/A                          |
| Shielded                           | No                           |
| Voltage - Maximum                  | 250V                         |
| <b>Solder Process Data</b>         |                              |
| Lead-freeProcess Capability        | N/A                          |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Product Specification              | PS-78213-001                 |
| Sales Drawing                      | SD-78213-003                 |
| Symbol/Footprint Data              | SYM-78213-1044               |

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