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Part Number:

0782131033

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 4 Pair, Right Angle Power Header, Press-Fit, Blade A1 & A2 Length 5.70mm, B1 & B2 Length 6.90mm, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free



Series image - Reference only

|                                                          |                                                            |
|----------------------------------------------------------|------------------------------------------------------------|
| Documents:                                               |                                                            |
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification PK-78213-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |
| <a href="#">Product Specification PS-78213-001 (PDF)</a> |                                                            |

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Agency Certification           |                                                       |
| CSA                            | LR19980                                               |
| UL                             | E29179                                                |
| General                        |                                                       |
| Product Family                 | Backplane Connectors                                  |
| Series                         | 78213                                                 |
| Application                    | Conventional, Coplanar                                |
| Application Tooling Documents  | TM-622018799                                          |
| Component Type                 | Power Header                                          |
| Overview                       | Impact™ Backplane Connector and Cable Assembly System |
| Product Name                   | Impact™                                               |
| UPC                            | 884982522602                                          |
| 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                     | 8.766/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                                                    |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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 #  |
| Impact™ Power Module Right Angle Removal Tool                                                                                                                                   | 0622024500 |
| Right Angle Power Module Installation Press-In Tool                                                                                                                             | 0622018642 |

|                                    |                              |
|------------------------------------|------------------------------|
| Temperature Range - Operating      | -55°C to +85°C               |
| 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> |                              |
| Packaging Specification            | PK-78213-001                 |
| Product Specification              | PS-78213-001                 |
| Sales Drawing                      | SD-78213-003                 |
| Symbol/Footprint Data              | SYM-78213-1033               |

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