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**Part Number:** [0761551318](#)  
**Status:** **Active**  
**Overview:** [Impact™ Backplane Connector and Cable Assembly System](#)  
**Description:** Impact™ 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Left Endwall, 6 Columns, 72 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-76060-999 \(PDF\)](#)  
[Application Specification AS-76060-990 \(PDF\)](#)  
[Application Specification AS-76060-994 \(PDF\)](#)  
[Application Specification AS-76060-999 \(PDF\)](#)  
[Packaging Specification PK-70873-757 \(PDF\)](#)  
[Test Summary TS-76160-0001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| <b>General</b>                 |                                                       |
| Product Family                 | Backplane Connectors                                  |
| Series                         | 76155                                                 |
| Application                    | Conventional                                          |
| Application Tooling Documents  | TM-622018799                                          |
| Component Type                 | PCB Header                                            |
| Overview                       | Impact™ Backplane Connector and Cable Assembly System |
| Product Name                   | Impact™                                               |
| UPC                            | 884982747920                                          |
| <b>Physical</b>                |                                                       |
| Circuits (Loaded)              | 72                                                    |
| Circuits (maximum)             | 72                                                    |
| Color - Resin                  | Black                                                 |
| Durability (mating cycles max) | 200                                                   |
| First Mate / Last Break        | No                                                    |
| 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                     | 2.024/g                                               |
| Number of Columns              | 6                                                     |
| Number of Pairs                | 4                                                     |
| Number of Rows                 | 12                                                    |
| Orientation                    | Vertical                                              |
| PC Tail Length                 | 1.40mm                                                |
| PCB Locator                    | No                                                    |
| PCB Retention                  | None                                                  |
| PCB Thickness - Recommended    | 1.00mm                                                |
| Packaging Type                 | Tray                                                  |
| Pitch - Mating Interface       | 1.90mm                                                |
| Pitch - Termination Interface  | 1.90mm                                                |
| Plating min - Mating           | 0.762µm                                               |
| Polarized to PCB               | No                                                    |
| Stackable                      | No                                                    |
| Temperature Range - Operating  | -55°C to +85°C                                        |
| Termination Interface: Style   | Through Hole - Compliant Pin                          |
| <b>Electrical</b>              |                                                       |
| Current - Maximum per Contact  | 0.75A                                                 |



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS**  
**Compliant**

**China RoHS**  
**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  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**  
[76155 Series](#)

**Mates With**  
[76160 Impact™ 100 Ohm Daughtercard](#)

**Use With**  
[75234 Backplane Free Standing Guide Pin](#)

**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 #                  |
|-----------------------------------------------------------|----------------------------|
| Backplane Press-In Tool for 4-Pair by 6-Column Assemblies | <a href="#">0622018679</a> |

|                                    |                                           |                     |                    |
|------------------------------------|-------------------------------------------|---------------------|--------------------|
| Data Rate                          | 25.0 Gbps                                 | Backplane Insertion | <u>0621005800</u>  |
| Impedance                          | 100#                                      | Tool for Signal     | Contact            |
| Shield Type                        | N/A                                       | Backplane Header    | <u>0621009610</u>  |
| Shielded                           | No                                        | Removal Tool for    | GbX® U-Series, GbX |
| Voltage - Maximum                  | 30V AC (RMS)/DC                           | I-Trac™, Impact™,   | or Z-PACK Tinman*  |
| <b>Solder Process Data</b>         |                                           |                     |                    |
| Lead-freeProcess Capability        | N/A                                       |                     |                    |
| <b>Material Info</b>               |                                           |                     |                    |
| <b>Reference - Drawing Numbers</b> |                                           |                     |                    |
| Application Specification          | AS-76060-990, AS-76060-994, AS-76060-9999 |                     |                    |
| Packaging Specification            | PK-70873-757                              |                     |                    |
| Product Specification              | PS-76060-999                              |                     |                    |
| Sales Drawing                      | SD-76155-001                              |                     |                    |
| Symbol/Footprint Data              | SYM-76155-1318                            |                     |                    |
| Test Summary                       | TS-76160-0001                             |                     |                    |

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