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**Part Number:** [0761451116](#)  
**Status:** **Active**  
**Overview:** [Impact™ Backplane Connectors and Cable Assemblies](#)  
**Description:** Impact 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Left Endwall, 10 Columns, 180 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

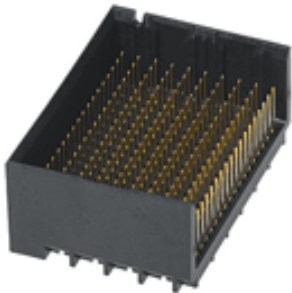
|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <b>Documents:</b>                                            |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-76060-990-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-70873-7703 (PDF)</a>      |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**  
UL E29179

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| <b>General</b>                |                                                                   |
| Product Family                | Backplane Connectors                                              |
| Series                        | <a href="#">76145</a>                                             |
| Application                   | Conventional                                                      |
| Application Tooling Documents | TM-622018799                                                      |
| Component Type                | PCB Header                                                        |
| Overview                      | <a href="#">Impact™ Backplane Connectors and Cable Assemblies</a> |
| Product Name                  | Impact                                                            |
| UPC                           | 883906407674                                                      |

|                                |                                |
|--------------------------------|--------------------------------|
| <b>Physical</b>                |                                |
| Circuits (Loaded)              | 180                            |
| Circuits (maximum)             | 180                            |
| 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                     | 3.992/g                        |
| Number of Columns              | 10                             |
| Number of Pairs                | 6                              |
| Number of Rows                 | 18                             |
| 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° to +85°C                  |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**



Series image - Reference only

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

|                                                                          |                   |
|--------------------------------------------------------------------------|-------------------|
| <b>EU RoHS</b><br><b>Compliant</b>                                       | <b>China RoHS</b> |
| <b>REACH SVHC</b><br>Not Contained Per -<br>ED/71/2019 (16 July<br>2019) |                   |
| <b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b>               |                   |
| For more information, please visit <a href="#">Contact US</a>            |                   |
| China ROHS                                                               | Green Image       |
| ELV                                                                      | Not Relevant      |
| RoHS Phthalates                                                          | Not Contained     |

**Search Parts in this Series**  
[76145](#) Series

**Mates With**  
[76150](#) 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 Insertion Tool for Signal Contact                                          | <a href="#">621005800</a> |
| Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan | <a href="#">621009610</a> |

|                                    |                  |                      |                  |
|------------------------------------|------------------|----------------------|------------------|
| Current - Maximum per Contact      | 0.75A            | Backplane Signal     | <u>622018662</u> |
| Data Rate                          | 25.0 Gbps        | Module Assembly      |                  |
| Impedance                          | 100Ω             | Press-In Tool for 6- |                  |
| Shield Type                        | N/A              | Pair by 10-Column    |                  |
| Shielded                           | No               | Assemblies           |                  |
| Voltage - Maximum                  | 30V AC (RMS)/DC  |                      |                  |
| <b>Solder Process Data</b>         |                  |                      |                  |
| Lead-freeProcess Capability        | N/A              |                      |                  |
| <b>Material Info</b>               |                  |                      |                  |
| <b>Reference - Drawing Numbers</b> |                  |                      |                  |
| Application Specification          | AS-76060-990-001 |                      |                  |
| Packaging Specification            | PK-70873-7703    |                      |                  |
| Product Specification              | PS-76060-999-001 |                      |                  |
| Sales Drawing                      | SD-76145-001-001 |                      |                  |
| Symbol/Footprint Data              | SYM-76145-1116   |                      |                  |

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