

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0761551114](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Left Endwall, 10 Columns, 120 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>   | <a href="#">Application Specification AS-76060-9999-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Packaging Specification PK-70873-7701-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                                   | <a href="#">Test Summary TS-76160-0001-001 (PDF)</a>              |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a>     | <a href="#">Symbol Footprint Data SYM-76155-1114 (PDF)</a>        |
| <a href="#">Application Specification AS-76060-990-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Application Specification AS-76060-994-001 (PDF)</a> |   |

**Agency Certification**

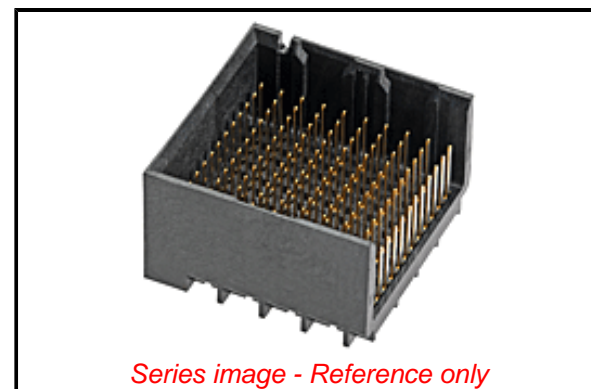
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**General**

|                               |  |
|-------------------------------|--|
| Product Family                | Backplane Connectors   |
| Series                        | <a href="#">76155</a>  |
| Application                   | Conventional   |
| Application Tooling Documents | TM-622018799   |
| Component Type                | PCB Header   |
| Overview                      | <a href="#">Impact Backplane Connector and Cable Assembly System</a> |
| Product Name                  | Impact   |
| UPC                           | 883906047207   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 120                            |
| Circuits (maximum)             | 120                            |
| 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                     | 2.929/g                        |
| Number of Columns              | 10                             |
| 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                             |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[76155](#) Series

**Mates With**

[76160](#) Impact 100 Ohm Daughtercard

**Use With**

[75234](#) Backplane Free Standing Guide Pin

Temperature Range - Operating -55° to +85°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 0.75A  
Data Rate 25.0 Gbps  
Impedance 100Ω  
Shield Type N/A  
Shielded No  
Voltage - Maximum 30V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-76060-990-001, AS-76060-994-001,  
AS-76060-9999-001  
Packaging Specification PK-70873-7701-001  
Product Specification PS-76060-999-001  
Sales Drawing SD-76155-001-001  
Symbol/Footprint Data SYM-76155-1114  
Test Summary TS-76160-0001-001

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