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| | |
|---|---|
| **Part Number:** | **0761551606** |
| **Status:** | **Active** |
| **Overview:** | Impact™ Backplane Connector and Cable Assembly System |
| **Description:** | Impact™ 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Open Endwall, 16 Columns, 192 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free |

### Documents:
| | |
|---|---|
| 3D Model | Application Specification AS-76060-990 (PDF) |
| Drawing (PDF) | Application Specification AS-76060-994 (PDF) |
| Product Specification PS-76060-999 (PDF) | RoHS Certificate of Compliance (PDF) |


*Series image - Reference only*
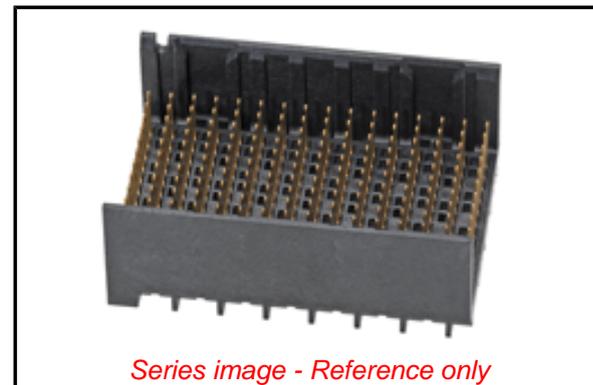
### Agency Certification
| | |
|---|---|
| UL | E29179 |

### General
| | |
|---|---|
| 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 | 883906417123 |

### Physical
| | |
|---|---|
| Circuits (Loaded) | 192 |
| Circuits (maximum) | 192 |
| 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 | 4.059/g |
| Number of Columns | 16 |
| 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 |
| Temperature Range - Operating | -55°C to +85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

### Electrical

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**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
Please visit the Contact Us section for any non-product compliance questions.

| | |
|---|---|
| China ROHS | Green Image |
| ELV | 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 Module Installation Press-In Tool | 0622018644 |

| | | | |
|---|---|---|---|
| Current - Maximum per Contact | 0.75A | Backplane Insertion Tool for Signal Contact | 0621005800 |
| Data Rate | 25.0 Gbps | | |
| Impedance | 100# | | |
| Shield Type | N/A | Backplane Header Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan | 0621009610 |
| Shielded | No | | |
| Voltage - Maximum | 30V AC (RMS)/DC | | |

**Material Info**

**Reference - Drawing Numbers**
| | |
|---|---|
| Application Specification | AS-76060-990, AS-76060-994 |
| Electrical Model Document | EE-76160-0001 |
| Product Specification | PS-76060-999 |
| Sales Drawing | SD-76155-001 |
| Symbol/Footprint Data | SYM-76155-1606 |