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**Part Number:** 0761451126
**Status:** Active
**Overview:** Impact™ Backplane Connectors and Cable Assemblies
**Description:** Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Dual Endwall, 10 Columns, 180 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
Product Specification PS-76060-999-001 (PDF)
Application Specification AS-76060-990-001 (PDF)
Packaging Specification PK-70873-7703 (PDF)
RoHS Certificate of Compliance (PDF)

**Agency Certification**

| | |
|---|---|
| UL | E29179 |

**General**

| | |
|---|---|
| Product Family | Backplane Connectors |
| Series | 76145 |
| Application | Conventional |
| Application Tooling Documents | TM-622018799 |
| Component Type | PCB Header |
| Overview | Impact™ Backplane Connectors and Cable Assemblies |
| Product Name | Impact™ |
| UPC | 883906407452 |

**Physical**

| | |
|---|---|
| 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 | 4.476/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°C to +85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

**Electrical**

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

**EU RoHS** | **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - ED/21/2016 (20 June 2016)

**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 |
| 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 Signal Module Assembly Press-In Tool for 6- | 0622018662 |

| | |
|---|---|
| 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 |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Application Specification | AS-76060-990-001 |
| Packaging Specification | PK-70873-7703 |
| Product Specification | PS-76060-999-001 |
| Sales Drawing | SD-76145-001 |
| Symbol/Footprint Data | SYM-76145-1126 |

| | |
|---|---|
| Pair by 10-Column Assemblies | |
| Backplane Insertion Tool for Signal Contact | 0621005800 |
| Backplane Header Removal Tool for GbX® U-Series, GbX I-Trac™, Impact™, or Z-PACK Tinman* | 0621009610 |

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