

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [76155-1105](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 100 Ohm 4 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Unguided, Open Endwall, 10 Columns, 120 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, 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) |

Agency Certification

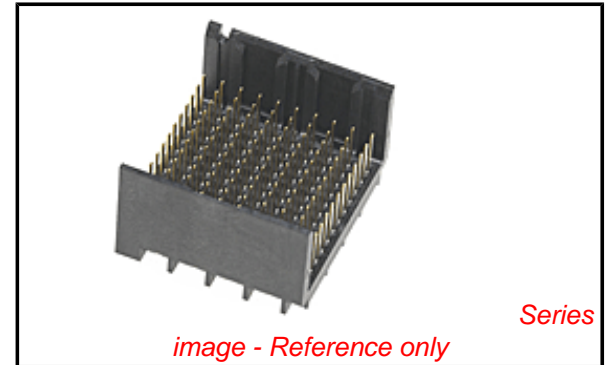
UL E29179

General

| | |
|-------------------------------|---|
| Product Family | Backplane Connectors |
| Series | 76155 |
| Application | Conventional |
| Application Tooling Documents | TM-622018799 |
| Component Type | PCB Header |
| Overview | Impact™ Backplane Connectors and Cable Assemblies |
| Product Name | Impact™ |
| Style | N/A |
| UPC | 756054932070 |

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 | 2.632/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 | Yes |
| Temperature Range - Operating | -55°C to +85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[76155Series](#)

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 Header | 0621009610 |
| Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan | |
| Backplane Insertion Tool for Signal Contact | 0621005800 |

Electrical

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

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|----------------------------|
| Application Specification | AS-76060-990, AS-76060-994 |
| Product Specification | PS-76060-999 |
| Sales Drawing | SD-76155-001 |
| Symbol/Footprint Data | SYM-76155-1105 |

| | |
|-------------------------------|-------------------|
| Backplane Module | <u>0622018640</u> |
| Installation Press-In Tool | |

This document was generated on 05/13/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION