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**Part Number:** [0761559604](#)

**Status:** **Active**

**Overview:** [Impact™ Backplane Connector and Cable Assembly System](#)

**Description:** Impact™ 100 Ohm 4 Pair Vertical Backplane Header, Right Guided, Left Endwall, 16 Columns, 192 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-76060-999 \(PDF\)](#)

[Application Specification AS-76060-990 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**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	883906046712

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

**Electrical**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU 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](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[76155 Series](#)

**Mates With**

[76160 Impact™ 100 Ohm Daughtercard](#)

**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	<a href="#">0622018644</a>
Backplane Insertion Tool for Signal Contact	<a href="#">0621005800</a>
Backplane Header Removal Tool for	<a href="#">0621009610</a>

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

GbX-U™, I-Trac™, Impact™, or TinMan
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-76060-990
Electrical Model Document	EE-76160-0001
Product Specification	PS-76060-999
Sales Drawing	SD-76155-003
Symbol/Footprint Data	SYM-76155-9604

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