

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

**Part Number:** [0761455617](#)  
**Status:** **Active**  
**Overview:** Impact Backplane Connector and Cable Assembly System  
**Description:** Impact 100 Ohm 6 Pair Vertical Backplane Header, Right Guided, Open Endwall, 16 Columns, 288 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm , Keying Orientation A, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76060-990-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-760-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Symbol Footprint Data SYM-76145-5617-001 (PDF)</a>
<a href="#">Product Specification PS-45499-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-76060-999-001 (PDF)</a>	

**Agency Certification**

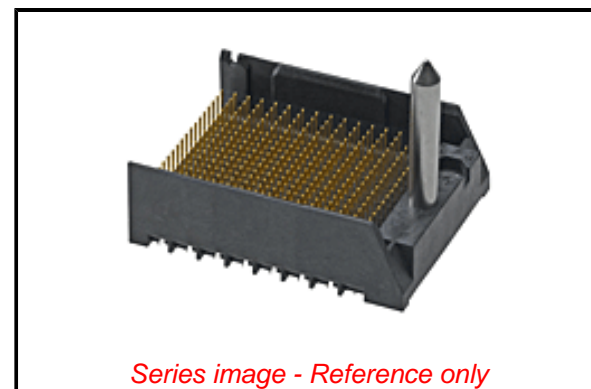
UL E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">76145</a>
Application	Conventional
Application Tooling Documents	TM-622018799-001
Component Type	PCB Header
Data Rate	25.0 Gbps
Overview	<a href="#">Impact Backplane Connector and Cable Assembly System</a>
Product Name	Impact
Taxonomy	Backplane Connectors
UPC	884982471627

**Physical**

Circuits (Loaded)	288
Circuits (maximum)	288
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	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.035/g
Number of Columns	16
Number of Pairs	6
Number of Rows	18
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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**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**

[76145 Series](#)

**Mates With**

[76150 Impact 100 Ohm Daughtercard](#)

Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	0.75A
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
Packaging Specification	PK-70873-760-001
Product Specification	PS-45499-002-001, PS-76060-999-001
Sales Drawing	SD-76145-003-001
Symbol/Footprint Data	SYM-76145-5617-001

This document was generated on 04/10/2023

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**