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Part Number: [0761457604](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 6 Pair Vertical Backplane Header, Left Guided, Right Endwall, 16 Columns, 288 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model	Application Specification AS-76060-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-760-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-76060-999-001 (PDF)	

Agency Certification

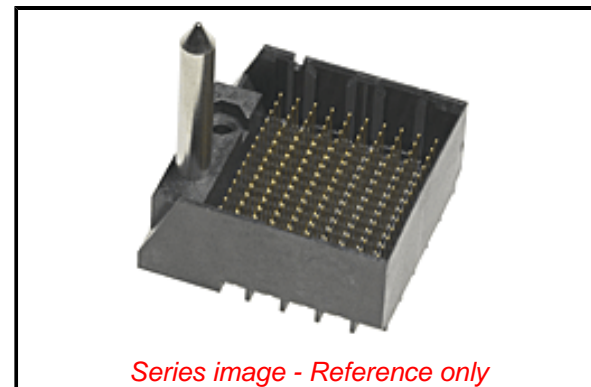
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General

Product Family	Backplane Connectors
Series	76145
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	883906410025

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	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.946/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
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
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January 2020

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](#)

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 Insertion Tool for Signal Contact	621005800
Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	621009610
Backplane Module Installation Press-In	622018664

Electrical

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-70873-760-001
Product Specification	PS-76060-999-001
Sales Drawing	SD-76145-002-001
Symbol/Footprint Data	SYM-76145-7604

Tool for 6 Pair by 16
Column Assemblies
Impact Backplane [622018874](#)
Press-In Tool

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