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Part Number: [0761551318](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Left Endwall, 6 Columns, 72 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[3D Model \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#)
[Application Specification AS-76060-990-001 \(PDF\)](#)
[Application Specification AS-76060-994-001 \(PDF\)](#)
[Application Specification AS-76060-999-001 \(PDF\)](#)
[Packaging Specification PK-70873-7701-001 \(PDF\)](#)
[Test Summary TS-76160-0001-001 \(PDF\)](#)
[Symbol Footprint Data SYM-76155-1318 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	76155
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	884982747920
Physical	
Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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	2.024/g
Number of Columns	6
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	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant
REACH SVHC
Not Contained Per -
D(2020)4578-DC (25
June 2020)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[76155](#) Series

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

Current - Maximum per Contact	0.75A	Backplane Press-In 622018679 Tool for 4-Pair by 6-Column Assemblies
Data Rate	25.0 Gbps	
Impedance	100Ω	
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	30V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-990-001, AS-76060-994-001, AS-76060-9999-001	
Packaging Specification	PK-70873-7701-001	
Product Specification	PS-76060-999-001	
Sales Drawing	SD-76155-001-001	
Symbol/Footprint Data	SYM-76155-1318	
Test Summary	TS-76160-0001-001	

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