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Part Number: [0761555107](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 4 Pair Vertical Backplane Header, Right Guided, Open Endwall, 10 Columns, 120 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model	Application Specification AS-76060-9999-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-757-001 (PDF)
Drawing (PDF)	Test Summary TS-76160-0001-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	Symbol Footprint Data SYM-76155-5107 (PDF)
Application Specification AS-76060-990-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-994-001 (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 Connector and Cable Assembly System
Product Name	Impact
UPC	883906047443

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	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	5.801/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	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



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

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

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 #
Impact Backplane Signal Module	2034620004
Insertion Tool for 4-Pair by 10-Column Assemblies	
Backplane Insertion Tool for Signal Contact	
Backplane Header Removal Tool for GbX U-Series, GbX	621005800
	621009610

Temperature Range - Operating	-55° to +85°C	I-Trac, Impact, or Z- PACK TinMan Backplane Module <u>622018640</u> Installation Press-In Tool
Termination Interface: Style	Through Hole - Compliant Pin	
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	
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-70873-757-001	
Product Specification	PS-76060-999-001	
Sales Drawing	SD-76155-003-001	
Symbol/Footprint Data	SYM-76155-5107	
Test Summary	TS-76160-0001-001	

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