

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0764553107](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 2 Pair Vertical Backplane Header, Left Guide, Open Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:	
3D Model	Application Specification AS-76060-9999-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-761-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	Test Summary TS-76460-0001-001 (PDF)
Application Specification AS-76060-990-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

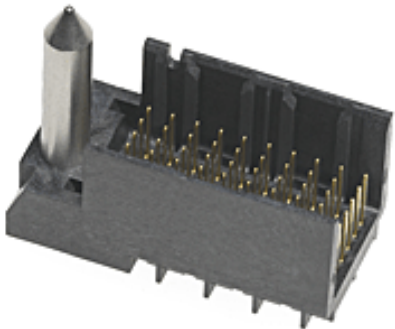
UL E29179

General

Product Family	Backplane Connectors
Series	76455
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	883906875367

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
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	3.878/g
Number of Columns	10
Number of Pairs	2
Number of Rows	6
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	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

[76455](#) Series

Mates With

[76460](#) 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	2034620002
Insertion Tool for 2-Pair by 10-Column Assemblies	
Backplane Insertion Tool for Signal Contact	
Backplane Header Removal Tool for GbX U-Series, GbX	621005800
	621009610

Termination Interface: Style	Through Hole - Compliant Pin	I-Trac, Impact, or Z-PACK TinMan
Electrical		Backplane Module 622018692
Current - Maximum per Contact	0.75A	Installation Press-In
Data Rate	25.0 Gbps	Tool for 2-Pair by 10-
Impedance	100Ω	Column Assemblies
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-76060-9999-001	
Packaging Specification	PK-70873-761-001	
Product Specification	PS-76060-999-001	
Sales Drawing	SD-76455-002-001	
Symbol/Footprint Data	SYM-76455-3107	
Test Summary	TS-76460-0001-001	

This document was generated on 09/26/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[76455-3107](#)