

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0761551307

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Open Endwall, 6 Columns, 72 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:	
3D Model	Application Specification AS-76060-9999 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-757 (PDF)
Product Specification PS-76060-999 (PDF)	Test Summary TS-76160-0001 (PDF)
Application Specification AS-76060-990 (PDF)	RoHS Certificate of Compliance (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	884982915664
Physical	
Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
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	1.618/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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

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 Press-In Tool for 4-Pair by 6-Column Assemblies	0622018679

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100#
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, AS-76060-9999
Packaging Specification	PK-70873-757
Product Specification	PS-76060-999
Sales Drawing	SD-76155-001
Symbol/Footprint Data	SYM-76155-1307
Test Summary	TS-76160-0001

Backplane Insertion	0621005800
Tool for Signal	Contact
Backplane Header	0621009610
Removal Tool for	GbX® U-Series, GbX
	I-Trac™, Impact™,
	or Z-PACK Tinman*

This document was generated on 06/09/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION