

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0764555607

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 2 Pair Vertical Backplane Header, Right Guide, Open Endwall, 16 Columns, 96 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-70873-761 (PDF)
- Product Specification PS-76060-999 (PDF)

Test Summary TS-76460-0001 (PDF)
- Application Specification AS-76060-990 (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

883906875398

Physical

Circuits (Loaded)

96

Circuits (maximum)

96

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

4.845/g

Number of Columns

16

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°C to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

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 #

Backplane Insertion

0621005800

Tool for Signal

Contact

Backplane Header

0621009610

Removal Tool for

GbX® U-Series, GbX

Termination Interface: Style	Through Hole - Compliant Pin	I-Trac™, Impact™, or Z-PACK Tinman* Press-In Tool for <u>0622018694</u> Backplane Signal Module, 2-Pair by 16-Column
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-70873-761	
Product Specification	PS-76060-999	
Sales Drawing	SD-76455-003	
Symbol/Footprint Data	SYM-76455-5607	
Test Summary	TS-76460-0001	

This document was generated on 06/10/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION