

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

76055-9606

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 5 Pair Vertical Backplane Header, Right Guided, Left Endwall, 16 Columns, 240 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-76060-999 (PDF)

Application Specification AS-76060-990 (PDF)

RoHS Certificate of Compliance (PDF)

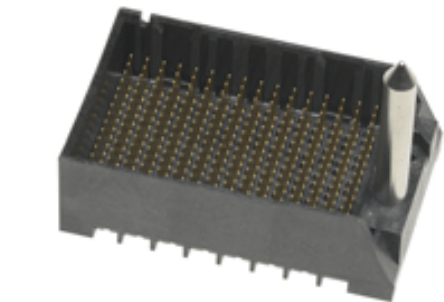


image - Reference only

Series

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Overview

Product Name

UPC

Backplane Connectors

76055

Conventional, Mezzanine

TM-622018799

PCB Header

Impact™ Backplane Connectors and Cable Assemblies

Impact™

883906414917

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

240

240

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

8.870/g

16

5

15

Vertical

1.40mm

No

Yes

1.00mm

Tray

1.90mm

1.90mm

0.762µm

Yes

-55°C to +85°C

Through Hole - Compliant Pin

Electrical

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
76055Series

Mates With
76060 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 Tool for Signal Contact	0621005800
Backplane Press-In Tool for 5-Pair by 16-Column Assemblies	0622018665
Backplane Header Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	0621009610

Current - Maximum per Contact	0.75A	Impact™ Backplane <u>0622018873</u>
Data Rate	25.0 Gbps	Press-In Tool
Impedance	100#	
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	30V AC (RMS)/DC	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-990	
Product Specification	PS-76060-999	
Sales Drawing	SD-76055-003	
Symbol/Footprint Data	SYM-76055-9606	

This document was generated on 05/29/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION