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Part Number:

0760551603

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 5 Pair Vertical Backplane Header, Unguided, Open Endwall, 16 Columns, 240 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-990 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-76060-999 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76055

Application

Conventional, Mezzanine

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact™ Backplane Connectors and Cable Assemblies

Product Name

Impact™

UPC

883906411411

Physical

Circuits (Loaded)

240

Circuits (maximum)

240

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

4.791/g

Number of Columns

16

Number of Pairs

5

Number of Rows

15

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

Temperature Range - Operating

-55°C to +85°C

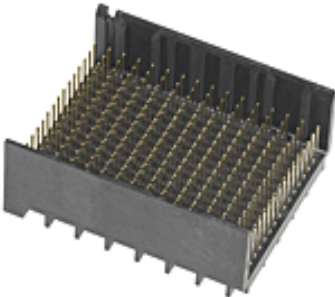
Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

0.75A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

76055 Series

Mates With

76060 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

0622018665

Tool for 5-Pair by 16-Column Assemblies

Data Rate	25.0 Gbps	Backplane Insertion	0621005800
Impedance	100#	Tool for Signal	
Shield Type	N/A	Contact	
Shielded	No	Backplane Header	0621009610
Voltage - Maximum	30V AC (RMS)/DC	Removal Tool for	
Solder Process Data		GbX-U™, I-Trac™,	
Lead-freeProcess Capability	N/A	Impact™, or TinMan	
Material Info		Impact™ Backplane	0622018873
		Press-In Tool	
Reference - Drawing Numbers			
Application Specification	AS-76060-990		
Product Specification	PS-76060-999		
Sales Drawing	SD-76055-001		
Symbol/Footprint Data	SYM-76055-1603		

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