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Part Number:

0761551103

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Open Endwall, 10 Columns, 120 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-990 (PDF)

Drawing (PDF)

Application Specification AS-76060-994 (PDF)

Product Specification PS-76060-999 (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

883906417079

Physical

Circuits (Loaded)

120

Circuits (maximum)

120

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

2.555/g

Number of Columns

10

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

Temperature Range - Operating

-55°C to +85°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical



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](mailto: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 Insertion

0621005800

Tool for Signal Contact

|                                    |                            |                       |                   |
|------------------------------------|----------------------------|-----------------------|-------------------|
| Current - Maximum per Contact      | 0.75A                      | Backplane Module      | <u>0622018640</u> |
| Data Rate                          | 25.0 Gbps                  | Installation Press-In |                   |
| Impedance                          | 100#                       | Tool                  |                   |
| Shield Type                        | N/A                        | Backplane Header      | <u>0621009610</u> |
| Shielded                           | No                         | Removal Tool for      |                   |
| Voltage - Maximum                  | 30V AC (RMS)/DC            | GbX-U™, I-Trac™,      |                   |
|                                    |                            | Impact™, or TinMan    |                   |
| <b>Solder Process Data</b>         |                            |                       |                   |
| Lead-freeProcess Capability        | N/A                        |                       |                   |
| <b>Material Info</b>               |                            |                       |                   |
| <b>Reference - Drawing Numbers</b> |                            |                       |                   |
| Application Specification          | AS-76060-990, AS-76060-994 |                       |                   |
| Electrical Model Document          | EE-76160-0001              |                       |                   |
| Product Specification              | PS-76060-999               |                       |                   |
| Sales Drawing                      | SD-76155-001               |                       |                   |
| Symbol/Footprint Data              | SYM-76155-1103             |                       |                   |

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