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Part Number:

0761451717

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Left Endwall, 14 Columns, 252 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-990 (PDF)

Drawing (PDF)

Packaging Specification PK-70873-7703 (PDF)

Product Specification PS-76060-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76145

Application

Conventional

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact™ Backplane Connectors and Cable Assemblies

Product Name

Impact™

UPC

884982938625

Physical

Circuits (Loaded)

252

Circuits (maximum)

252

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

5.441/g

Number of Columns

14

Number of Pairs

6

Number of Rows

18

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

Electrical



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](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

76145 Series

Mates With

76150 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 #

Press-In Tool for 6-

0622018639

Pair by 14-Column

Backplane

|                                    |                 |                                                                                                                        |
|------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------|
| Current - Maximum per Contact      | 0.75A           | Backplane Header <u>0621009610</u><br>Removal Tool for<br>GbX® U-Series, GbX<br>I-Trac™, Impact™,<br>or Z-PACK Tinman* |
| Data Rate                          | 25.0 Gbps       |                                                                                                                        |
| Impedance                          | 100#            |                                                                                                                        |
| Shield Type                        | N/A             |                                                                                                                        |
| Shielded                           | No              |                                                                                                                        |
| Voltage - Maximum                  | 30V AC (RMS)/DC |                                                                                                                        |
| <b>Solder Process Data</b>         |                 |                                                                                                                        |
| Lead-freeProcess Capability        | N/A             |                                                                                                                        |
| <b>Material Info</b>               |                 |                                                                                                                        |
| <b>Reference - Drawing Numbers</b> |                 |                                                                                                                        |
| Application Specification          | AS-76060-990    |                                                                                                                        |
| Packaging Specification            | PK-70873-7703   |                                                                                                                        |
| Product Specification              | PS-76060-999    |                                                                                                                        |
| Sales Drawing                      | SD-76145-001    |                                                                                                                        |
| Symbol/Footprint Data              | SYM-76145-1717  |                                                                                                                        |

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