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Part Number:

76145-1126

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Dual Endwall, 10 Columns, 180 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)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Overview

Product Name

UPC

Backplane Connectors

76145

Conventional

TM-622018799

PCB Header

Impact™ Backplane Connectors and Cable Assemblies

Impact™

883906407452

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

180

180

Black

200

No

94V-0

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

4.476/g

10

6

18

Vertical

1.40mm

No

None

1.00mm

Tray

1.90mm

1.90mm

0.762µm

No

-55°C to +85°C

Through Hole - Compliant Pin

Electrical



image - Reference only

Series

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](mailto: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

76145Series

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 #  |
| Backplane Insertion Tool for Signal Contact | 0621005800 |
| Backplane Signal Module Assembly            | 0622018662 |
| Press-In Tool for 6-                        |            |

|                                    |                              |                                                      |
|------------------------------------|------------------------------|------------------------------------------------------|
| Current - Maximum per Contact      | 0.75A                        | Pair by 10-Column Assemblies                         |
| Data Rate                          | 25.0 Gbps                    | Backplane Header <u>0621009610</u>                   |
| Impedance                          | 100#                         | Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan |
| Shield Type                        | N/A                          |                                                      |
| Shielded                           | No                           |                                                      |
| Voltage - Maximum                  | 30V AC (RMS)/DC              |                                                      |
| <b>Material Info</b>               |                              |                                                      |
| <b>Reference - Drawing Numbers</b> |                              |                                                      |
| Application Specification          | AS-76060-990                 |                                                      |
| Product Specification              | PS-76060-999                 |                                                      |
| Sales Drawing                      | SD-172375-0001, SD-76145-001 |                                                      |
| Symbol/Footprint Data              | SYM-76145-1126               |                                                      |

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