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Part Number:

76145-9104

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 6 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Right Guided, Left Endwall, 10 Columns, 180 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free



image - Reference only

Series

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

Style

UPC

Backplane Connectors

76145

Conventional

TM-622018799

PCB Header

Impact™ Backplane Connectors and Cable Assemblies

Impact™

N/A

883906410780

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

Stackable

Temperature Range - Operating

Termination Interface: Style

180

180

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

7.611/g

10

6

18

Vertical

1.40mm

No

Yes

1.00mm

Tray

1.90mm

1.90mm

0.762µm

Yes

Yes

-55°C to +85°C

Through Hole - Compliant Pin

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

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

76145Series

Mates With

76150 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	0621005800
Tool for Signal	
Contact	

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
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-76145-003
Symbol/Footprint Data	SYM-76145-9104

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