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Part Number:

76155-8103

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 4 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Right Guided, Left Endwall, 10 Columns, 120 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.46mm, Tin (Sn) Lead (Pb)



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

76155

Backplane, Midplane

TM-622018799

PCB Header

Impact™ Backplane Connectors and Cable Assemblies

Impact™

N/A

883906417734

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

120

120

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA)

Gold

Tin-Lead

High Temperature Thermoplastic

6.155/g

10

4

12

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

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

50

Pb

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
76155Series

Mates With
76160 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 Tool for Signal Contact	0621005800
Backplane Module Installation Press-In Tool	0622018640

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-76155-003

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