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Part Number:

76165-1623

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Vertical Backplane Header, Unguided, Dual Endwall, 16 Columns, 144 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-76060-999 (PDF)

Application Specification AS-76060-990 (PDF)

RoHS Certificate of Compliance (PDF)

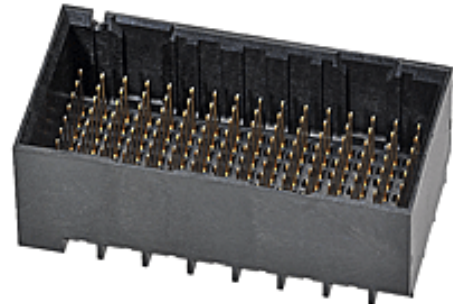


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Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Overview

Product Name

UPC

Backplane Connectors

76165

Conventional, Mezzanine

TM-622018799

PCB Header

Impact™ Backplane Connector and Cable Assembly System

Impact™

883906400651

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

144

144

Black

200

No

94V-0

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

3.900/g

16

3

9

Vertical

1.40mm

No

None

1.00mm

Tray

1.90mm

1.90mm

0.762µm

No

-55°C to +85°C

Through Hole - Compliant Pin

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
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
76165Series

Mates With
76170 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 Module Installation, Press-In Tool	0622018651
Backplane Header Removal Tool for	0621009610

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
Electrical Model Document	EE-76170-0001
Product Specification	PS-76060-999
Sales Drawing	SD-76165-001
Symbol/Footprint Data	SYM-76165-1623

GbX-U™, I-Trac™,
Impact™, or TinMan

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