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Part Number:

0761651618

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Vertical Backplane Header, Unguided, Left Endwall, 16 Columns, 144 Circuits, Pin Length 5.50mm, 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

Backplane Connectors

76165

Conventional, Mezzanine

TM-622018799

PCB Header

Impact™ Backplane Connector and Cable Assembly System

Product Name

UPC

Impact™

883906226060

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

5.429/g

16

3

9

Vertical

1.40mm

No

None

1.00mm

Tray

1.90mm

1.90mm

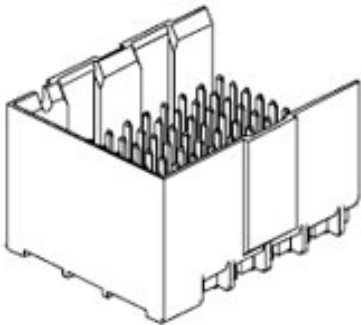
0.762µm

No

-55°C to +85°C

Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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

76165 Series

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

Current - Maximum per Contact	0.75A	Backplane Module	<u>0622018651</u>
Data Rate	25.0 Gbps	Installation, Press-In	
Impedance	100#	Tool	
Shield Type	N/A	Backplane Header	<u>0621009610</u>
Shielded	No	Removal Tool for	
Voltage - Maximum	30V AC (RMS)/DC	GbX-U™, I-Trac™,	
		Impact™, or TinMan	
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-76165-1618		

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