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Part Number:

0768457804

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 4 Pair Vertical Orthogonal Header, Left Guide, Right Endwall, 8 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-9999 (PDF)

Drawing (PDF)

Application Specification AS-76850-990 (PDF)

Product Specification PS-76060-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76845

Application

Orthogonal Midplane

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact™ Backplane Connector and Cable Assembly System

Product Name

Impact™

UPC

884982221109

Physical

Circuits (Loaded)

96

Circuits (maximum)

96

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

Yes

Keying to Mating Part

None

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

5.728/g

Number of Columns

8

Number of Pairs

4

Number of Rows

12

Orientation

Vertical

PC Tail Length

1.40mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

3.00mm

Packaging Type

Tray

Pitch - Mating Interface

1.90mm, 2.15mm

Pitch - Termination Interface

1.90mm, 2.15mm

Plating min - Mating

0.762µm

Polarized to PCB

Yes

Stackable

No

Temperature Range - Operating

-55°C to +85°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

76845 Series

Mates With

76850 Impact™ 100 Ohm Right-Angle 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 #

Impact™ Backplane Press-In Tool

0622030475

Impact™ Ortho Backplane Removal Tool

0621009620

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-9999, AS-76850-990
Product Specification	PS-76060-999
Sales Drawing	SD-76845-002
Symbol/Footprint Data	SYM-76845-7804

Impact™ Backplane [0622030575](#)
Press-In Tool

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