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Part Number:

0761451706

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Open Endwall, 14 Columns, 252 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-990-001 (PDF)

Drawing (PDF)

Packaging Specification PK-70873-7703 (PDF)

Product Specification PS-76060-999-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76145

Application

Conventional

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact™ Backplane Connectors and Cable Assemblies

Product Name

Impact

UPC

884982890695

Physical

Circuits (Loaded)

252

Circuits (maximum)

252

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

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

4.909/g

Number of Columns

14

Number of Pairs

6

Number of Rows

18

Orientation

Vertical

PC Tail Length

1.40mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.00mm

Packaging Type

Tray

Pitch - Mating Interface

1.90mm

Pitch - Termination Interface

1.90mm

Plating min - Mating

0.762µm

Polarized to PCB

No

Stackable

No

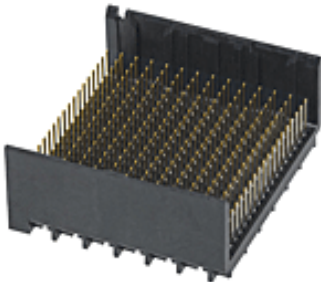
Temperature Range - Operating

-55° to +85°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76145 Series

Mates With

76150 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 Header

621009610

Removal Tool for

GbX U-Series, GbX

I-Trac, Impact, or Z-

PACK TinMan

Current - Maximum per Contact	0.75A	Press-In Tool for 6- Pair by 14-Column Backplane
Data Rate	25.0 Gbps	
Impedance	100Ω	
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	30V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-990-001	
Packaging Specification	PK-70873-7703	
Product Specification	PS-76060-999-001	
Sales Drawing	SD-76145-001-001	
Symbol/Footprint Data	SYM-76145-1706	

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