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Part Number:

0761451118

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Left Endwall, 10 Columns, 180 Circuits, Pin Length 5.50mm, 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

883906407698

Physical

Circuits (Loaded)

180

Circuits (maximum)

180

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

3.992/g

Number of Columns

10

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

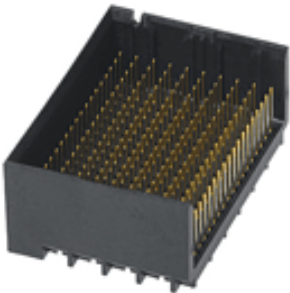
Temperature Range - Operating

-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 Insertion Tool for Signal Contact	621005800
Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	621009610

Current - Maximum per Contact	0.75A	Backplane Signal	<u>622018662</u>
Data Rate	25.0 Gbps	Module Assembly	
Impedance	100Ω	Press-In Tool for 6-	
Shield Type	N/A	Pair by 10-Column	
Shielded	No	Assemblies	
Voltage - Maximum	30V AC (RMS)/DC		
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-76145-1118		

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