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Part Number:

0769851125

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 5 Pair Vertical Orthogonal Header Unguided, Dual Endwall, 10 Columns, 150 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

Application Specification AS-76850-990-001 (PDF)

Drawing (PDF)

Packaging Specification PK-70873-7707-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

Application Specification AS-76060-9999-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76985

Application

Orthogonal Midplane

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact Backplane Connector and Cable Assembly System

Product Name

Impact

UPC

884982719286

Physical

Circuits (Loaded)

150

Circuits (maximum)

150

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

4.777/g

Number of Columns

10

Number of Pairs

5

Number of Rows

15

Orientation

Vertical

PC Tail Length

1.40mm

PCB Locator

No

PCB Retention

None

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

No

Stackable

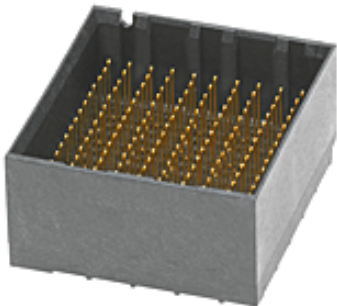
No

Temperature Range - Operating

-55° 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/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

76985 Series

Mates With

76990 Impact 100 Ohm Right Angle Orthogonal 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 Ortho Backplane Removal Tool

621009620

Impact Backplane Press-In Tool

622030580

Electrical

Current - Maximum per Contact	0.75A
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
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-7707-001
Product Specification	PS-76060-999-001
Sales Drawing	SD-171884-0001, SD-76985-001-001
Symbol/Footprint Data	SYM-76985-1125

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