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Part Number:

0762899208

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 6 Pair Vertical Orthogonal Route Backplane Header, Right Guided, with Endwall, 12 Columns, 216 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

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

Drawing (PDF)

Packaging Specification PK-70873-766-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

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

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Overview

Backplane Connectors

76289

Orthogonal Midplane

TM-622018799

PCB Header

Impact Backplane Connector and Cable Assembly System

Impact

887191240275

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

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

Stackable

Temperature Range - Operating

Termination Interface: Style

216

216

Black

200

No

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

6.131/g

12

6

18

Vertical

1.40mm

No

None

1.00mm

Tray

1.90mm, 2.15mm

1.90mm, 2.15mm

0.762µm

Yes

No

-55° to +85°C

Through Hole - Compliant Pin

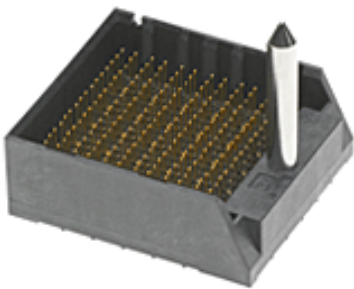
Electrical

Current - Maximum per Contact

Data Rate

0.75A

25.0 Gbps



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

76289 Series

Mates With

76290 Impact 100 Ohm 6 Pair 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 # |
| Backplane Insertion Tool for Signal Contact        | 621005800 |
| Impact Backplane Module Installation Press-In Tool | 622018795 |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Impedance                          | 100Ω                                |
| Shield Type                        | N/A                                 |
| Shielded                           | No                                  |
| Voltage - Maximum                  | 30V AC (RMS)/DC                     |
| <b>Solder Process Data</b>         |                                     |
| Lead-freeProcess Capability        | N/A                                 |
| <b>Material Info</b>               |                                     |
| <b>Reference - Drawing Numbers</b> |                                     |
| Application Specification          | AS-76060-990-001, AS-76060-9999-001 |
| Packaging Specification            | PK-70873-766-001                    |
| Product Specification              | PS-76060-999-001                    |
| Sales Drawing                      | SD-76289-0003-001                   |
| Symbol/Footprint Data              | SYM-76289-9208                      |

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