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Part Number:

0762851228

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 6 Pair Vertical Orthogonal Header Unguided, Dual Endwall, 12 Columns, 216 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

- Documents:
- 3D Model

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

Packaging Specification PK-70873-7708 (PDF)
- Product Specification PS-76060-999 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-9999 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76285

Application

Orthogonal Midplane

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact™ Backplane Connector and Cable Assembly System

Product Name

Impact™

UPC

884982667242

Physical

Circuits (Loaded)

216

Circuits (maximum)

216

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

5.342/g

Number of Columns

12

Number of Pairs

6

Number of Rows

18

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

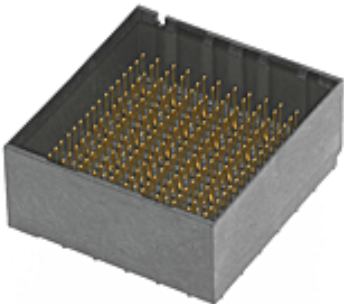
No

Temperature Range - Operating

-55°C to +85°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

ELV

Green Image

Not Relevant

Search Parts in this Series

76285 Series

Mates With

76290 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™ Backplane Press-In Tool	0622030485
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
Packaging Specification	PK-70873-7708
Product Specification	PS-76060-999
Sales Drawing	SD-76285-001
Symbol/Footprint Data	SYM-76285-1228

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