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Part Number:

0768601036

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 3 Pair Right-Angle Orthogonal Daughtercard, Unguided, 6 Columns, 54 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

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

Drawing (PDF)

Packaging Specification PK-70873-591-001 (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

76860

Application

Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane

Application Tooling Documents

TM-622018799

Component Type

PCB Receptacle

Electrical Model

Yes

Overview

Impact Backplane Connector and Cable Assembly System

Product Name

Impact

UPC

884982068216

Physical

Circuits (Loaded)

54

Circuits (maximum)

54

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

4.958/g

Number of Columns

6

Number of Pairs

3

Number of Rows

9

Orientation

Right Angle

PC Tail Length

1.20mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.00mm

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

Surface Mount Compatible (SMC)

No



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

76860 Series

Mates With

76855 Impact 100 Ohm Backplane Header

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 #
Press-In Tool for Daughter Card	622018744
Impact Daughter Card Extraction Tool	622024300
Impact Daughter Card Module Removal Tool	622024600

Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
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
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9999-001, AS-76850-990-001
Electrical Model Document	EE-76860-049, EE-76860-055
Packaging Specification	PK-70873-591-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76860-049, SP-76860-055
Sales Drawing	SD-76860-001
Symbol/Footprint Data	SYM-76860-1036

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