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Part Number:

0768501038

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 4 Pair Right-Angle Orthogonal Daughtercard, Unguided, 8 Columns, 96 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

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

Drawing (PDF)

Packaging Specification PK-70873-610-001 (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

76850

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

884982055049

Physical

Circuits (Loaded)

96

Circuits (maximum)

96

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

9.569/g

Number of Columns

8

Number of Pairs

4

Number of Rows

12

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

76850 Series

Mates With

76845 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 Module	622018677
Impact Daughter Card Extraction Tool	622024300

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
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9999-001, AS-76850-990-001
Electrical Model Document	EE-76850-049, EE-76850-055
Packaging Specification	PK-70873-610-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76850-049
Sales Drawing	SD-76850-001-001
Symbol/Footprint Data	SYM-76850-1038

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